



BOULTERS HEIGHTS RESERVE

MASTERPLAN

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Introduction and Purpose

Boulters Heights is a unique natural landmark in our town centre.

The Boulters Heights Reserve masterplan has been developed for a holistic approach to the design and management of our key CBD reserve.

The masterplan recognises the need to promote the destination potential of the reserve through providing a significant attraction.

It promotes activation and enhancement, to promote reserve values and to highlight the lookout opportunities.

The overall purpose of this masterplan is to:

- Address the failing infrastructure assets on the reserve.
- Discover the community values of the reserve and to prioritise works accordingly.
- Promote the destination potential of the reserve and Boulters as a significant natural icon in the CBD.
- Provide clarity and justification for external funding applications that will be required to deliver design proposals.
- Celebrate the heritage of the Heights.
- Guide existing operational and capital budget spend and ensure works are in line with a holistic vision for the reserve.

There is a Reserve Management Plan in place for Boulters Heights Reserve. This document does not supercede the management objectives outlined in the Reserve Management Plan.



The City wishes to acknowledge the traditional owners of the land, the Wardandi Noongar people, and pay its respect to Elders past, present and emerging.

THE 2012 REGENERATION OF BOULTERS HEIGHTS
A JOINT PROJECT BETWEEN
THE CITY OF BUNBURY
BUNBURY REGIONAL PRISON
EXTERNAL WORK TEAMS
SOUTH WEST INSTITUTE OF TECHNOLOGY



Vision

LOOKOUT

ENHANCE AND PROMOTE LOOKOUT OPPORTUNITIES THROUGH CREATIVE OPEN SPACE DESIGN
CREATE A REGIONAL ATTRACTOR AND TOURIST DESTINATION THAT CATERS FOR LOCAL NEEDS

RESTORE

FORM A BALANCE BETWEEN AMENITY PLANTING AND ECOLOGICAL RESTORATION

ACTIVATE

ENHANCE OPEN SPACES AND WALKWAYS
CELEBRATE THE HERITAGE OF THE HEIGHTS





Boulter's Heights Reserve

Boulter's Heights Reserve (the Heights) are located in Bunbury's CBD. At the highest point in Bunbury, it is our natural lookout and has significant heritage and community value. The Heights form the backdrop for the streetcapes of the CBD and offers panoramic views over the City and beyond.

There are numerous deteriorating pieces of infrastructure on the reserve including walkways, coffee rock retaining walls, balustrades, staircases, boardwalks, unused reticulation infrastructure and poor quality signage. The City has recently closed pathways through the reserve due to safety reasons. This has impacted significantly on reserve use.

A Structural Assessment report was prepared by StrucTerre Consultants in 2020. The findings and recommendations of that report are included in the Structural Assessment Plan, page 21.

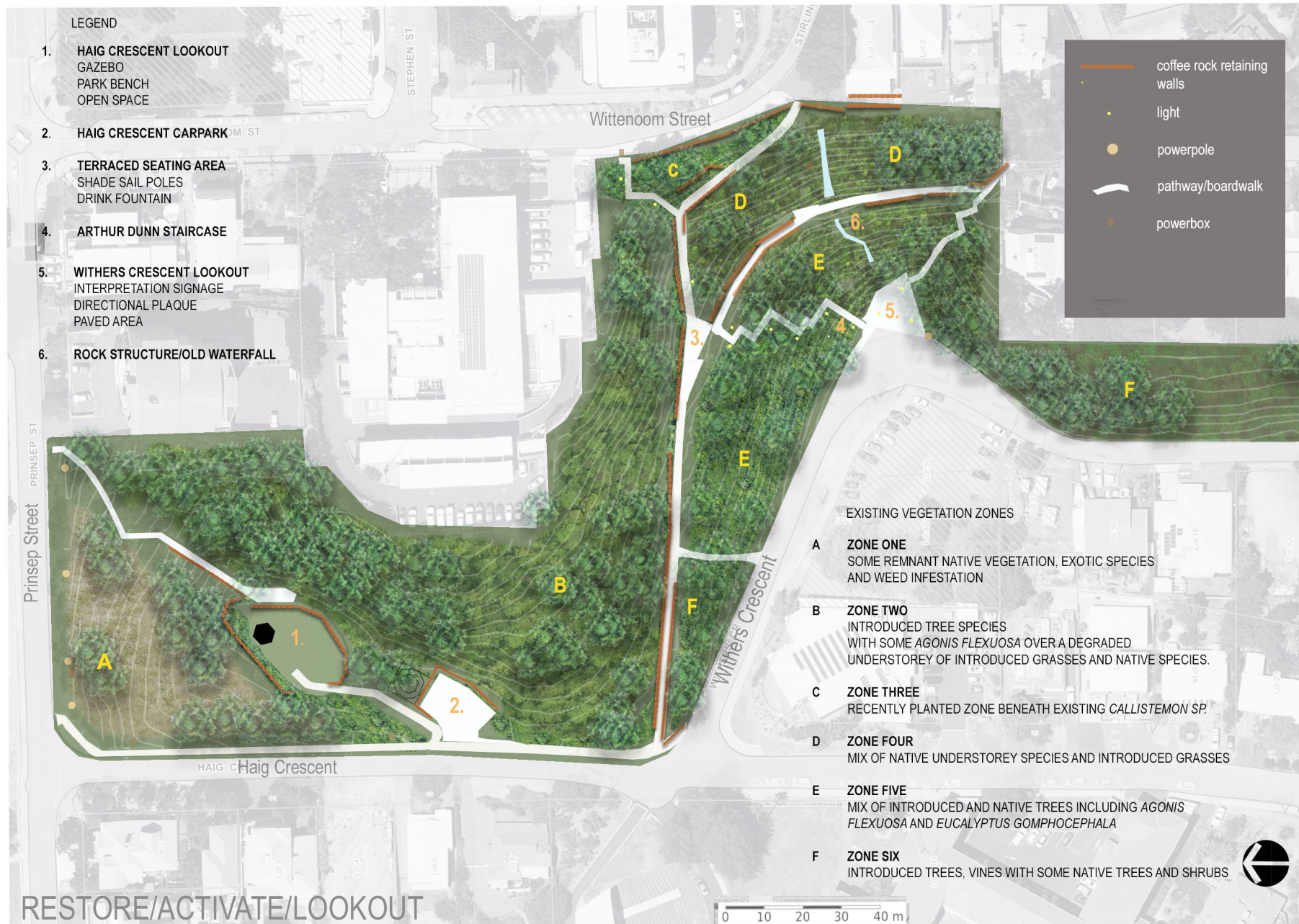
The overall slope of the reserve is a steep 1:1.5 - 1:2.5 grade. There are two lookout areas which comprise the only flat areas of the reserve, located at 30 and 41m AHD. These lookouts are located at Haig and Withers Crescents. The highest point of the reserve is at the Withers Crescent lookout which also offers panoramic views over the city and beyond.

The Haig Crescent Lookout area cannot be accessed via the main pathway in the reserve. This area is currently isolated and fragmented from the rest of the reserve, however offers significant views. This lookout area has a link down to Prinsep Street which is currently closed.

The reserve forms part of a corridor of coastal natural areas between the Leschenault Inlet and Preston River to the west. The reserve is part of the northern and eastern flanks of a coastal sand Dune.

The remnant vegetation on the reserve is characteristic of the Quindalup Dunes System. Coastal heathland occupies the northern face with Tuart *Eucalyptus gomphocephala* and Peppermint *Agonis flexuosa* woodland in the sheltered eastern faces. However, existing vegetation is mostly degraded and weed infested with a predominance of introduced exotic grasses.

Existing Site Plan





Zoning and Urban Context

Greater Bunbury Regional Scheme (GBRS)

- Boulders Heights Reserve is zoned urban under the GBRS.
- There are small pockets of regional centre zone to the eastern side of the reserve.

The proposals put forward in this masterplan are consistent with the urban zone zoning.

Town Planning Scheme 8

- Boulders Heights is zoned parks and recreation.
- This zoning is in line with the recommendations and proposals outlined in this masterplan.

Scheme Amendment 56

Scheme Amendment 56 was approved in 2014 by the Minister of Planning. The amendment provides for:

- Future realignment of Withers Crescent
- The expansion of the recreation reserve into the road reserve
- Allows for the development of a new carpark.

The City has planned to sell lots 5002, 492,50 and 23 (Council owned).

Urban Context

Boulders Heights reserve is situated within an urban, civic and residential matrix.

Key buildings surrounding the reserve are:

- Bunbury Regional Art Gallery
- City of Bunbury Administration Building
- WA Police
- Court House
- Bunbury Regional Library
- Bunbury Senior High School

There are surrounding parks and open space within the urban context, Pioneer Park, Centenary Gardens, Anzac Park and Guppy Park.

Boulders Heights Reserve in its elevated position in close proximity to Back Beach and the CBD, gives it a unique location.

Zoning and Urban Context Map



Strategic Context

City of Bunbury Strategic Community Plan

The vision for the City is 'Bunbury, Welcoming and Full of Opportunities'. To achieve this vision, the community helped shape a plan for the future. There are five key performance areas in this plan that are described below.

	 People	 Planet	 Place	 Prosperity	 Performance
ASPIRATION	<p>A safe, healthy and connected community.</p>	<p>A healthy and sustainable ecosystem.</p>	<p>An integrated, vibrant and well planned City.</p>	<p>A strong and diversified economy.</p>	<p>Leading with purpose and robust governance.</p>
DESIRED OUTCOMES	<ol style="list-style-type: none"> 1. A safe community. 2. A growing hub of culture and creativity. 3. A healthy and active community. 4. A compassionate and inclusive community. 	<ol style="list-style-type: none"> 5. A natural environment that is cared for and preserved. 6. An aware and resilient community equipped to respond to natural disasters and emergencies. 	<ol style="list-style-type: none"> 7. A community with high quality urban design and housing diversity. 8. A place with attractive and welcoming community spaces, where people want to live. 9. A city that is easy to get around safely and sustainably. 	<ol style="list-style-type: none"> 10. The premier city of regional Western Australia. 11. A strong, resilient and diverse economic hub for the South West. 12. A unique and desirable destination within the South West region. 	<ol style="list-style-type: none"> 13. A leading local government. 14. A well-informed community that is deeply engaged in decision making.

CBD Action Plan

The CBD Action Plan has been developed to deliver a strong vision for the City and to ensure the growth and revitalisation of the City Centre.

"It's about successfully creating memorable spaces and streetscapes that enhance social interaction, promote activation, stimulate visual interest and provide a framework upon which to celebrate local identity and culture".

We are about energising the City in a manner that further supports and defines its special character and identity, to appeal as a special place to visit, work, live and play. We strive to transform our City Centre into a network of thriving, attractive streets and laneways that are green and shaded. We seek opportunities to promote and celebrate Bunbury's arts, culture and heritage.

Parks and Playgrounds Action Plan

The Parks and Playgrounds Action plan sets out the vision, objectives and actions for the design and management of Parks and Playgrounds for the next 20 years.

The Parks and Playgrounds Action Plan categorises Boulders Heights Reserve as Special Purpose. This categorisation is in recognition of the regional catchment of the reserve, a result of the panoramic views on offer from the top of the natural landmark of the CBD. It also recognises the significant heritage, natural and cultural values of the reserve.

The Parks and Playgrounds Action Plan sets out amenity provision standards for each reserve by hierarchy. This masterplan has been developed in line with those standards.

Community Engagement

Community engagement has been undertaken throughout the development of the masterplan. Individual meetings with Apex and a meeting with Noongar Elders have taken place. An online community survey has helped discover the community priorities for works on the reserve.

The preliminary draft masterplan was presented to Councillors at a strategic briefing meeting late 2021. The preliminary draft plan was then made available to the community for comment and a survey was developed via Social Pinpoint. We received 153 responses to the survey and 1653 comments and likes to the preliminary draft plan. The document was downloaded 746 times and 17 written submissions were received.

Results from the survey and all comments and formal submissions received were collated. Proposed changes to the draft plan based on the engagement results were presented to Council at a strategic briefing meeting. A community meeting was held early August, 2022, where the engagement results were presented and the proposed changes to the masterplan were discussed.

WHAT HAVE WE LEARNED: COMMUNITY SURVEY 2022

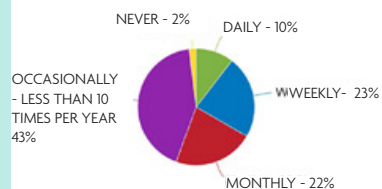
153
SURVEY RESPONSES

746
DOCUMENT DOWNLOADS

17
WRITTEN SUBMISSIONS

1653
COMMENTS/LIKES/
USERS

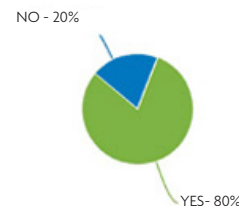
How often do you use Boulders Heights Reserve?



Do you agree with installing lookout platforms at key areas on the reserve and upgrading open space areas?



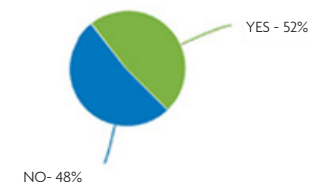
Do you agree with replacing the pathway from Haig Crt open space to Prinsep Street as a priority?



Would you use Boulders Heights Reserve more if the open spaces were upgraded?



Do you agree with using feature lighting to reference the old waterfall, as part of the City's lighting project?





Summary of comments

Waterfall

- Light the restored waterfall.
- Lighting the boardwalk could work if done properly.
- The (draft) masterplan didn't provide a compelling reason for replacing waterfall.
- Use lights on the stones to show the water.
- Lighting is no substitute for running water and can only work at night.
- Respect the City's heritage and restore the waterfall.
- Waterfall and the reasons we should restore it and build on it as a basis for future design on the reserve.
- I don't have a great connection to the old waterfall. I can understand it is of sentimental value to the older people in the community but this is no reason to bow to the pressure to reinstate the waterfall.

Pathways

- Upgrade not replace.
- Should have been properly maintained.
- Retain coffee rock walls.
- Save the waterfall.
- Have a boardwalk running across the hill.
- Retain Arthur Dunn staircase.
- Rebuild the old boardwalk connection.
- Keep two sets of stairs to cater for runners.
- Supportive of infrastructure improvements, so long work is done to a high standard with quality materials and geotec.

Restoration

- Include ecological signage highlighting the important role the reserve plays in native habitat.
- Plant waterwise natives to depict the waterfall.
- When works occur, minimise disturbance to native flora.
- Look at the Maidens for species.
- We need to acknowledge that the RMP was not implemented.
- Restore is admirable, but include colour.
- Don't undertake infrastructure upgrades - restore to nature

Lookouts

- Concept is fine, as long as it is high quality.
- Don't cut down trees.
- Would love to see a cantilevered deck to extend the lookout area.
- Include shelter from sun.
- Promote as a wedding venue.
- Maximise seating, bins, water fountains.
- BBQ.
- Promote as a destination for exercise like Jacobs Ladder
- Celebrate Nyungar community.
- Create a key attraction.
- Stabilisation of the reserve is key before new infrastructure is installed.
- Staircase is supported with additional interpretation and art features.
- Place greater emphasis on tourism potential.



Memories of the Heights

I live in Haig Crescent nearby. The view from the lookout is beautiful. I can look over most of Bunbury and surrounding countryside and am reminded what an interesting and diversified place it is to live.

I have bitter/sweet memories of Boulter's Heights. Some good memories of proudly showing Bunbury to visiting friends from the lookout.

Watched Anzac day dawn service and regularly use the stairs for exercise.

I have used the pathways, notably that from Withers Lookout to Turner Street/Picton Crescent, for decades.

For me it provides the quickest and best access to the Post Office.

The descent/climb also reminds me of my love of hiking and I really enjoy the effort it takes.

Going as a child to look at the lights over the city, climbing the staircase for exercise, using the lookout to view from coast to the Darling Range.

Walked up and down Boulter's Heights every school day for 5 years of high school. We often took our children to the look out at the top. I have also brought in the new year at the top.

Walking up everyday to school. Views are amazing and the waterfall. No other town has one. We do.

I remember the waterfall but appreciate the huge maintenance costs associated with reviving it. Installing lighting that emulates running water could be spectacular if done well. I have exercises on Boulter's Heights for many years and watch the annual fireworks from the boardwalk with my grandchildren. With the deterioration of the boardwalks I have been reluctant to use them this year.

Great lookout from the top. Used the stairs as part of my exercise routine.

Great many memories, A perfect place to see all of Bunbury, watch the fireworks. Loved when the water fall was still working.

As a kid Boulter's Heights and its waterfall was a main attraction in town. Everyone loved it, even though the occasional clown added detergent or colouring to the water.

I grew up in Bunbury and attended Bunbury Senior High. It was a daily trek up the hill to school from where the buses stopped at the war memorial. I remember the waterfall being filled with detergent before the royal visit. It is important to maintain this piece of nature in the city as a place of peace and solace.

I remember it as a focal point when visiting Bunbury as a child then adolescent from my family farm at Forest Grove.

I remember using it to transit from school when attending year 11 at Bunbury Senior High School. I currently use it as an alternative route for walks to and from town.

Top spot for viewing Bunbury and surrounds from.

Work in cbd, regular walks up the stairs and lookout and relax for a moment before going back to the office.

It has always been an impressive and convenient place to take visitors when they come to Bunbury.

I take visitors to this area as it is a fantastic view point across the city of Bunbury to the beach and harbour areas. It is a great tourist outlook and should be upgraded so that it is renowned as one of the major tourist locations in Bunbury. But, it is fabulous for locals to enjoy and use for exercise too!

My family came to Bunbury in 1972 we used to go to Boulter's Heights on the weekend. I would always look to see if the waterfall was running when I went into town, something my children used to do as well when they would walk up to Bunbury High school. In the 80's I would take my children there to watch the fireworks on Australia day.

I live very close to Boulter's so use it regularly. I have fond memories of the original rotunda/lookout that used to be at the top.

I lived here all my life, fond memories of childhood running from top to bottom and the waterfall was always my favourite.

An unsurpassed area to showcase and enjoy our great city.

I recall Boulter's Heights from 35 years ago to present. I only recall visiting the lookout at the top all those years ago. In the last 6 years we have climbed Boulter's Heights regularly and wish for it to be Bunbury's crowning glory as Kings Park is to Perth.

It can happen. I am so pleased you are looking at upgrading paths and vegetation. Lighting will link the Brighter Bunbury area and surrounds.

Anyone who has attended Bunbury High School has spent plenty of time walking those steps. It was part of my high school experience. Our friends would meet at Dinks Diner in the morning early and then make the trek up the stairs every morning. Then every afternoon we would walk back down again. I love seeing the waterfall running and I do remember a few times the soap suds from school leavers or people pranking. A few times we would sit up the top at the lookout and watch the fireworks on Australia Day.

Walking to high school and enjoying the scenery from the top

I went to school at Bunbury High, walking down those steps and seeing the waterfall is still vivid in my memory. I used to catch the bus home at the war memorial and it was also a peaceful thing to sit and watch at the end of the day.

As a child, coming into town in the car via Spencer St, we used to 'bet' if the waterfall would be running or not. We were always so excited to see it running. Occasionally we would climb up the steps of Boulders Heights to enjoy the water flowing down it.

I have been in Bunbury for 57 years and I have wonderful memories of going up to both of our lookouts and just sitting and enjoying the view. And reflecting on how much Bunbury has changed over the years.

I have lived around Bunbury for my whole life and have frequented Boulders continuously throughout. It is a very special place to me, and I believe iconic to Bunbury. I remember my dad taking me up there as a kid many times, done the stairs many times for exercise, and also just go to enjoy the view.

Watching the Australia Day fireworks from it.

I proposed to my wife 10 years ago and she said yes.

Since I moved to Bunbury as a child we always climbed the waterfall path most weekends but haven't been able to do it with my kids because the waterfall hasn't been on for donkeys years.

A pleasant place to relax and enjoy the surrounds as well as a physical challenge

They weren't fond at the time, but I used to climb Boulders as a high school student to get to school (BSHS). Now I look back on these times with smiles and feel very nostalgic whenever I visit Boulders.

Yep I have gone there for years as a place of escape and to get closer to the moon when there's a super moon

Memories of people filling the waterfall with detergent and having foam flowing down the street

Loads of family memories, showing off the view and the waterfall, using it for group and single exercise. It's a lovely green lung the city needs

Have been connected to boulders heights for nearly 60 years
Went up and down them daily when at Bunbury High
Also when exercising as was a great cardio workout

I went to school at bshs and walked down boulders Heights daily. Many hours spent hanging out with friends and in later years it was/is my go to place for peace.

When I was younger a family friend used to babysit us. We would come into town for dinner and afterwards she would drop us at the bottom of the hill and we would run up to the top and try and beat her as she drove up there

Current connection is being a very near neighbour who appreciates Boulders Heights amenity. Historically (1960's) BSHS student who caught the Capel bus from next to Stokes cool drink factory.

I spent 5yrs walking and exercising up and down boulders heights during my high school yrs, and now still use it for exercise, going to the beach, taking my kids to the school. Also watching the fireworks and bringing visitors to the area.

Visiting the waterfall as a child with parents and grandparents

I went to school at Bunbury High and walked up and down there daily, the calming sound of the waterfall would bring back such fond memories of Bunbury as it soothed any bad days that I may have had a school away. Driving into town as a youngster it was such a treat to see the water cascading down the hill. The spray from the waterfall on a hot day after school was refreshing.

1977. Year 12s were at the top of the stairs throwing eggs at younger students. Waterfall was turned off that day so a group of us climbed the waterfall to get to school. Got busted by Mrs Cantoni lol

It was one of the first things I saw when coming to the centre of Bunbury and was often used as a landmark for directions



People and Place Values

Recreation and Use

The key function of Boulders Heights Reserve is a thoroughfare and connection between Back Beach and the CBD. The reserve connects Bunbury Senior High School to the CBD and is well used by students.

The reserve is popular for active and passive recreation. The gradient provides opportunity for hill exercise and many people take advantage of the steep gradient for cardio exercise.

The lookouts are popular for people visiting Bunbury to admire the City's urban coastal setting. Lookouts are a popular spot for watching the fireworks and other City events such as the Anzac Parade.

The deteriorating pathway links through the reserve has impacted on use over time, and the City has closed pathways in the reserve deemed unsafe.

Indigenous Cultural Heritage

A meeting with Noongar Elders revealed that in pre-European times high points were used as places for smoke signals as a way of talking to other groups.

The elders are in the process of determining the Noongar name for the reserve and a list of fauna that would have lived on the reserve.

The document, "Indigenous Natural Resource Assessment of the Greater Bunbury area" references Boulders Heights Reserve.

It lists Boulders as a place of interest in the dune system as the highest point in Bunbury. It was used as a lookout to see other groups arriving.

The document includes suggestions for interpretation of Noongar Seasons with interpretative links to Back Beach and Bird Park.

For future artistic treatments of lookouts and cultural interpretation, Elders requested to be involved in the engagement of a local Noongar artist.

European Cultural Heritage

Boulter's Heights Reserve is named after a local resident Alfred H. Boulter. An article from the South Western Times spoke of Mr Boulter's intention of making Bunbury the, "Most beautiful town in the South West".

Boulter was a successful businessman who ran the Boulter's Store on Victoria Street.

Boulter arranged the installation of a rotunda at the Withers Crescent Summit, in the late 1920's. This summit was formed by Boulter and Fraser Johnson who leveled the sand dune in this area and planted with shrubs and formed the first tracks through the Heights.

In 1930's Bunbury was named 'a popular holiday and tourist resort' and Boulter, for his creative ideas for improving Bunbury, was described as an "ardent worker for progress". Work began to beautify Boulter's walk and this time, Boulter with the help of a group of unemployed men, began work on replacing the pathway. Boulter was gifted *Mesembryanthem*, from the Karrakatta cemetery board. This was planted beside the paths to cascade down the hill to create a 'brilliant sea of red'.

The State Tourist director, when visiting in 1930 called the "Magnificent Hill" with its new rotunda "Boulter's Heights". It was declared by the South West Tribune "A mecca for Tourists".

In 1939, Bunbury Apex Club, in recognition of Boulter's work and the tourist draw card of the Heights, adopted the hill and continued work. Apex constructed a stone break wind. At this time, the reserve became known as Apex Hill. Further rock and retaining walls were built by Apex, with areas of lawn created and 16 seats installed. The Heights were considered a "Thing of Beauty".

In 1958, the Bunbury Apex Club removed the timber rotunda and replaced it with a new concrete structure. 20 tonnes of concrete formed the base. The columns weighed half a tonne each and the roof weighed 7.5 tonnes. Apex also installed the plaque showing distances to places around the world. There was an official handover of this piece to the then Bunbury City Council Mayor P.C. Payne. This plaque is still existing.

In 1966, to commemorate a visit to Bunbury by the Queen Mother, the Bunbury City Council constructed a 26m long waterfall to the eastern face of the reserve. The waterfall was built by Dom Zoccali a local stonemason, and was made from Basalt rock sourced from Roelands.

Whilst the Water Corporation provided drinking water to the majority of Western Australia, Bunbury and Busselton developed local Water Boards at the time the Boulter's waterfall flowed.

Bunbury Water Board was established in 1905 to establish a permanent fresh water supply for the community and was a subsidiary organisation to the Town of Bunbury.

A year after the Bunbury Water Board was formed, with the help of a \$3,000 loan from the government, the first attempt was made to construct a bore that could bring the water from deeper underground.

This was known as the old Town Well and was the only public fresh water supply until the early 1920's. The old Town Well was located on Wittenoom Street, at the base of Boulter's Heights and adjacent to the Police Station.

In 1924 a concrete storage tank was constructed on Boulter's Heights, which provided a holding tank for water. Water from the storage tank was used to feed the manmade waterfall which descended towards Stirling Street.

The Bunbury Water Board evolved into Aqwest as part of a restructuring process in 1996/97 which included a new constitution, a new Board of Management structure and separation from the City of Bunbury. The Boulter's Heights holding tank and the old Town Well were both removed during the 1990's.

With no water supply, this waterfall has fallen into disrepair over time.

The City has considered the option to restore the waterfall into an operational flowing waterfall. The reasons why the City will not be looking at this as an option at this time is:

- The waterfall was man made, there is no natural water source on the reserve and the scheme water supply has since been removed. A restored waterfall would be entirely reliant on scheme water.
- The cost to design and implement a running waterfall is significant,
- Significant ongoing maintenance and operational costs.
- Alternative options to highlighting the waterfall's existence and its importance is Bunbury's history is presented in this Masterplan.

The City is planning to design an engineered, high amenity dry riverbed to meander through the reserve and across the CBD fronting south face. The existing rock structure will be creatively incorporated into the new design, alongside watery lighting features.

The provision of high quality interpretation signage showing the imagery of the waterfall when it flowed as well as community accounts and memories of the waterfall when it flowed will be included.

The Withers Lookout is included in the City of Bunbury Heritage Inventory with the following statements of significance:

- It memorialises the efforts of A.H Boulter as a key community leader.
- Takes advantage of an elevated feature in the landscape.
- Much of Bunburys photographic history has been captured from the reserve.
- Was the location of air and sea observations and spotting exercises during WWII to alert townsfolk of any invasion threats.

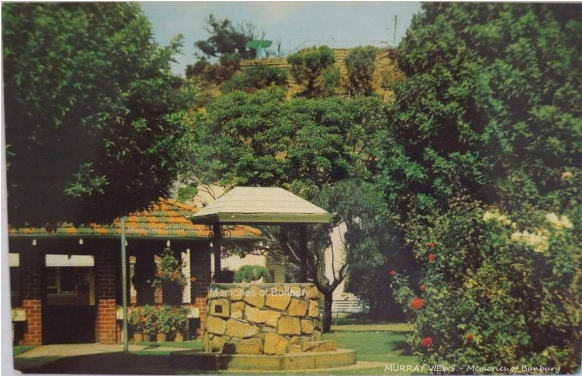
This masterplan plans for the strengthening the interpretation of Alfred Boulter and the creative interpretation of the old rotunda at the lookout.

As well, interpretation of Apex the role the Bunbury Apex club played at the Heights.

There are also opportunities to interpret and recongise the changing view of Bunbury over time and acknowledge Withers Lookout as the place of photographic history.



John Dix for Memories of Bunbury

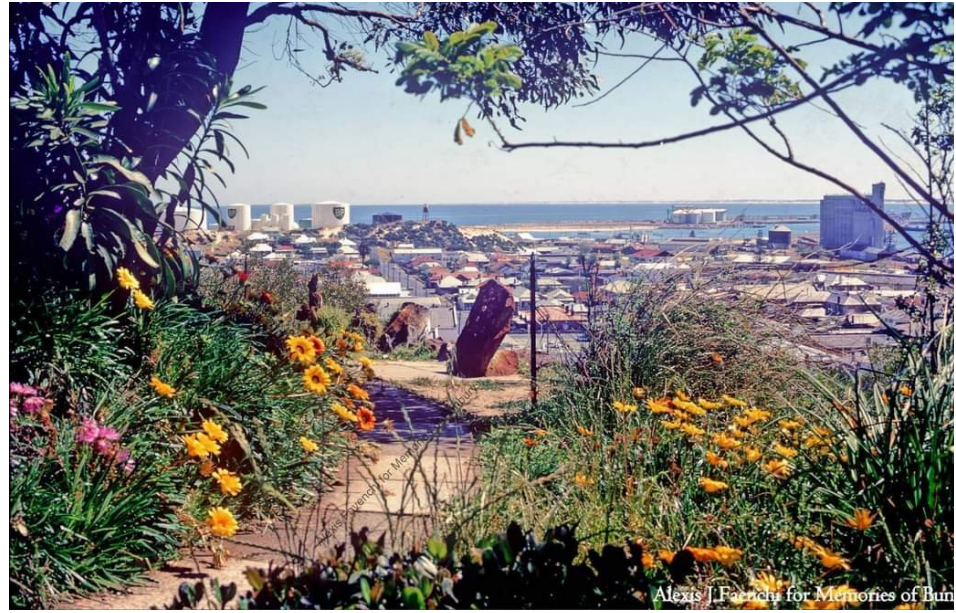


MURRAH VIEWS - Memories of Bunbury



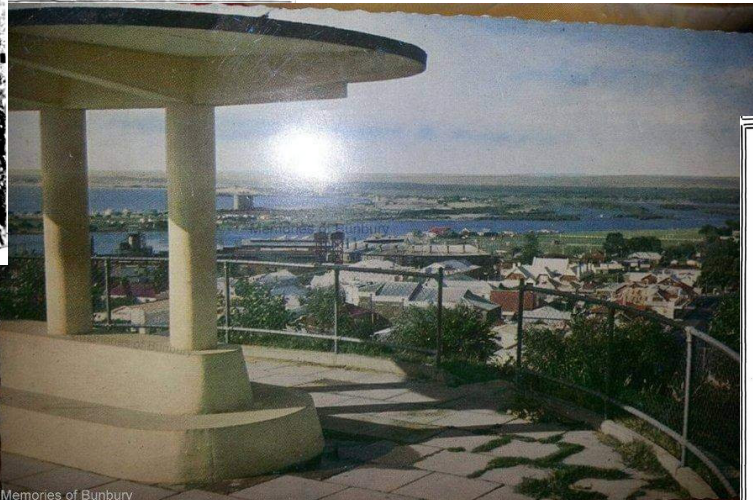
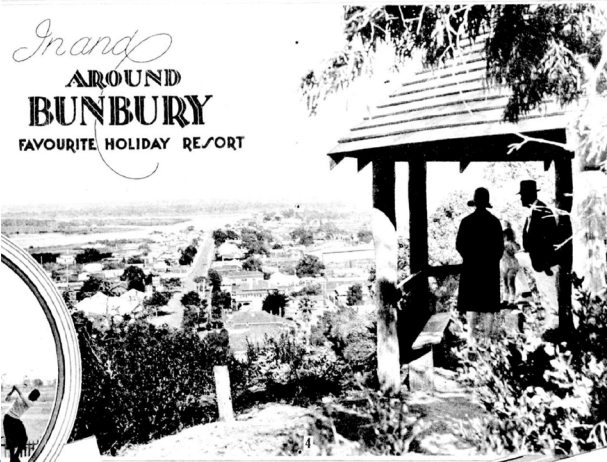
MR. A. BOULTER

Whose voluntary work on the beautification of Reservoir Hill has won for him unsought recognition. Commencing the work by himself, then with the aid of a few friends, and finally with the backing of the Municipal Council and the unemployment committee, he has transformed the hitherto unlovely sandhill. Old paths were ramade, new ones laid out and graded, flowering shrubs planted, and a fine rotunda, electrically lit, erected. Mr. Boulter, who has even lent the assistants from his business to the work, and they have erected 15 well-placed seats, has unwittingly acquired that which he least sought—true fame—for to-day Reservoir Hill is known as Boulter's Heights.



Alexis J. Pavich for Memories of Bunbury

In and
AROUND
BUNBURY
FAVOURITE HOLIDAY RESORT



Memories of Bunbury



Noted Throughout the South West
for
HIGH - CLASS QUALITY GOODS AND SOUND VALUES.

A. H. BOULTER

Hatter, Mercer and

Gents' Clothier

Cor. Stephen and Victoria Sts.
BUNBURY.
Phone 316.

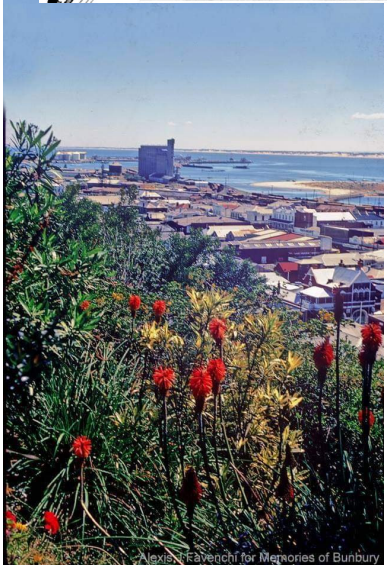
"Boulter's Heights"

BUNBURY'S EFFORTS PRAISED

Praise for efforts made locally to improve the appearance of the town was given by the State Tourist Director (Mr. S. J. Hayward) at a meeting of the Traders' Association, on Monday night, in the course of his address on "Tourist Traffic." He admitted that on previous visits to Bunbury he had not faced the trudge up the hill through sand, and when taken up on Monday, over the new path, to the rotunda, erected through the efforts of Mr. A. H. Boulter, the unemployed, and the Municipal Council, he was agreeably surprised at the view obtainable, and the improvements made.

"I was very impressed with 'Boulter's Heights—I am taking the liberty of calling them that," said Mr. Hayward. "They are going to be a great asset to the town, and everybody must know about them."

Mr. Hayward also had words of praise for the efforts of the Municipal Council, at the Back Beach, and the camping area, and the Bunbury Golf Club's new links and club house.



Alexis J. Pavich for Memories of Bunbury



Bunbury - A popular South-West Holiday Resort

PC x 5



Members of the Bunbury Apex Club at work last week-end levelling sandhills near Boulter's Heights preparatory to planting the area in lawns and gardens.

Thankyou Memories of Bunbury

Views

The Heights, throughout history have been a key lookout point.

Elevated and at the highest point in the CBD, the views on offer are panoramic and illustrate Bunbury's unique coastal location and landscape condition.

The unique coastline morphology with the urban form in the foreground has been the subject of photographers over the years. Boulters is the most photographed spot and photos over the years have illustrated the changing form of Bunbury.

From the CBD the slopes of Boulters are evident from many places such as Stirling Street and from Wittenoom Street. The plan on page 18 shows the major viewshafts from the reserve.





Viewshaft Plan





Ecological and Landscape Values

Flora and Fauna and soils

Site vegetation is characteristic of the Quindalup Dunes system featuring coastal heath species on the northern face and Tuart (*Eucalyptus gomhocehala*) and peppermint (*Agonis flexuosa*) woodland on the eastern face.

Existing vegetation is predominantly degraded and weed infested. Introduced grasses pose a significant fire risk.

Several native flora species have previously been recorded on site. Western ring tail possum (*Psuedocheirus occidentalis*) and black cockatoos (*Calyptorhynchus sp.*)

The soils of the Quindalup Dune System, are termed 'aeolian' and are named after the Greek god of the wind, Aeolos. Aeolian soils are deposited on the coast by the ocean and then transported by the wind to form dunes. The Quindalup dunes, being the furthestmost west are the youngest at approximately 0 to 7,000 years.

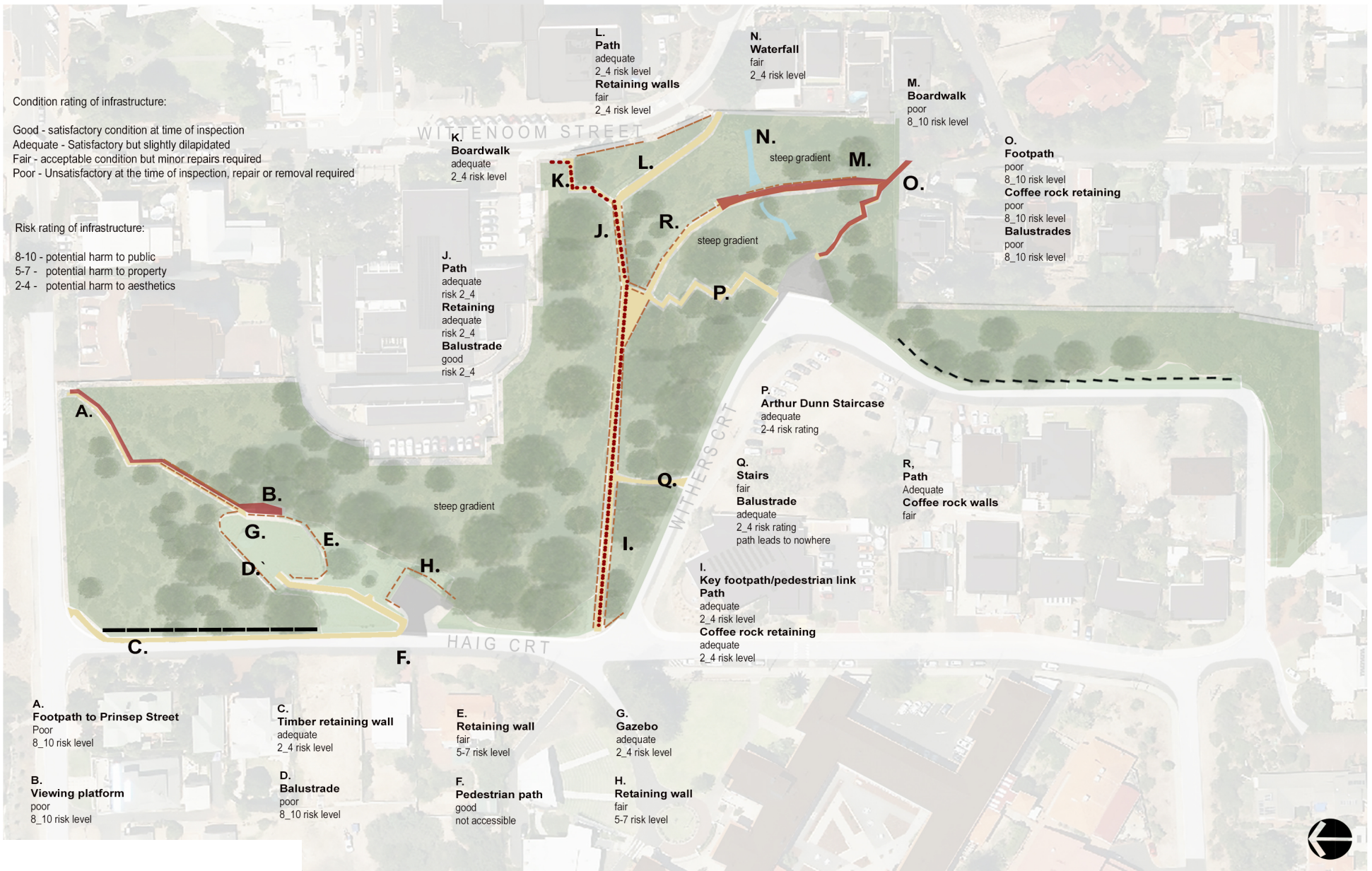
Ecological Management Zones

Ecological management zones have been defined through the development of the existing Reserve Management Plan. The ecological management zones have largely remained the same.

A species list for each management zone is included at page 33.

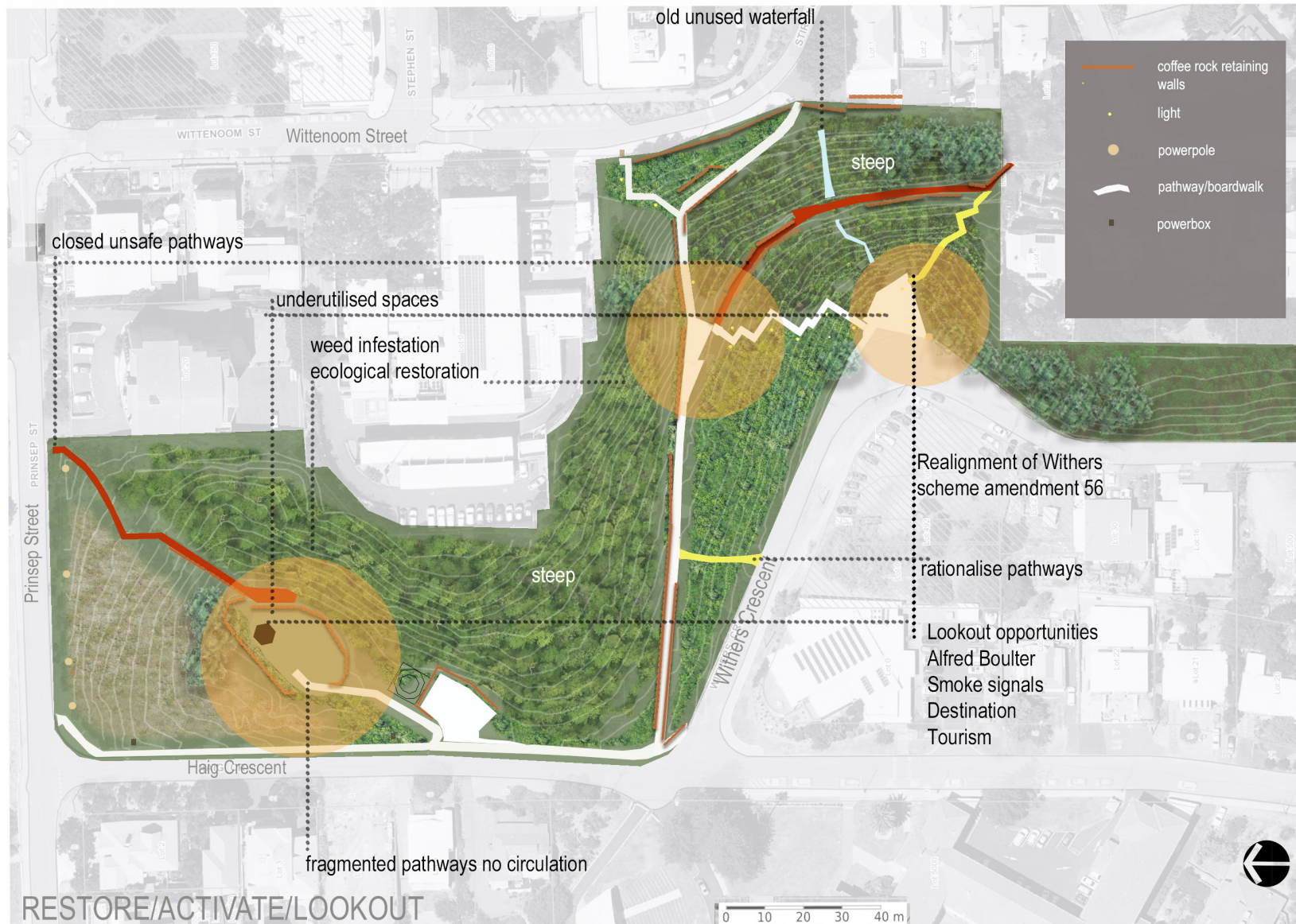
Planting will be prioritised around the infrastructure upgrades.

Structural Assessment Plan





Issues and Opportunities







Management Principals

Destination and Tourism

Recognition of the potential of the Heights to be developed as a unique attraction in Bunbury for people to visit and enjoy.

Seek external funding for delivery of items that cannot be implemented through internal budgets.

Lookout

Develop the reserve in a manner that promotes the importance of the Heights as the City's natural lookout spot.

Heritage values

Develop and tell the story of the history of the Heights through creative interpretation techniques.

Engage Noongar artists for creative responses to story telling through design

Restore

Protect existing remnant vegetation.

Enhance the quality of the Heights through restoration and high quality amenity planting.

Stabilise

Undertake geotechnical investigations for all infrastructure improvements.

Undertake stabilisation planting alongside asset replacements and infrastructure improvements.

Activate

Create flexible multi use spaces in the reserve to cater for gatherings and events.

Ensure spaces and facilities are all accessible, where possible.

Pathways

Rationalise the pathway network.

Take advantage of the opportunities to the integrate cultural and environmental values into the design of new pathway infrastructure.

Partnership

Re establish a 'Friends of the Heights' group to work with the City on the implementation of this plan.

Masterplan





Pathways Plan



Ecological Restoration Plan



High Priority Works





Medium Priority Works

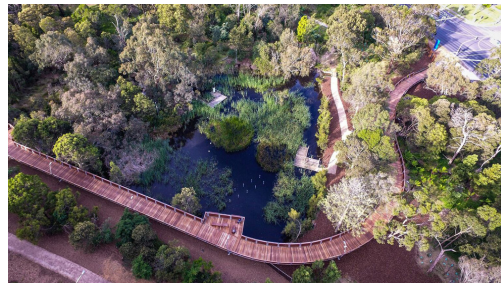




Aspirational Works



Sketch perspectives and Images

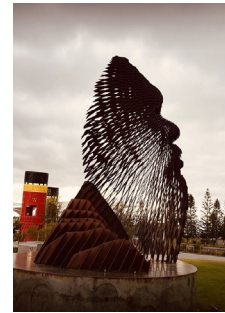
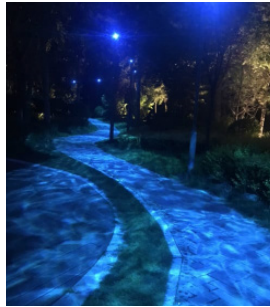


boardwalks

lookout platforms



lighting features
space for events
shade
Alfred Boulter



cultural heritage
celebrate Bunbury's old
waterfall
tourist destination



high amenity planting
ecological restoration



Species Lists

Botanical Name	Common Name	Zone One	Zone Two	Zone Three	Zone Four	Zone Five
LARGE TREES						
<i>Eucalyptus gomphocephala</i>	Tuart					
SMALL TO MEDIUM TREES						
<i>Acacia rostellifera</i>	Summer scented wattle					
<i>Agonis flexuosa</i>	Peppermint					
<i>Allocasuarina fraseriana</i>	Common sheoak					
<i>Banksia attenuata</i>	Candle banksia					
<i>Banksia littoralis</i>	Swamp banksia					
<i>Melaleuca lanceolata</i>	Moonah					
<i>Melaleuca raphiophylla</i>	Paperbark					
TALL SHRUBS						
<i>Acacia cyclops</i>	Red eyed wattle					
<i>Acacia saligna</i>	Coojong					
<i>Dyandra sessilis</i>	Parrot bush					
<i>Hakea prostrata</i>	Harsh hakea					
<i>Jacksonia furcellata</i>	Grey stinkwood					
<i>Jacksonia sternbergiana</i>	Green stinkwood					
<i>Spyridium globulosum</i>	Basket bush					
MEDIUM TO LARGE SHRUBS						
<i>Acacia drummondii</i>	Drummonds wattle					
<i>Acacia pulchella</i>	Prickly moses					
<i>Allocasuarina humilis</i>	Dwarf Sheoak					
<i>Calothamnus quadrifidus</i>	One sided bottlebrush					
<i>Melaleuca systena</i>						
<i>Olearia axillaris</i>	Coast daisy bush					
<i>Templetonia retusa</i>	Cockies tongues					
<i>Xanthorrhoea preissii</i>	Balga					
LOW SHRUBS						
<i>Acacia lasiocarpa</i>	Dune moses					
<i>Dyandra nivea</i>	Couch honeypot					
<i>Gompholobium tomentosum</i>	Hairy yellow pea					
<i>Grevillea crithmifolia</i>						
<i>Hemiandra pungens</i>	snakebush					
<i>Nemcia reticulata</i>						
<i>Rhagodia baccata</i>	Berry saltbush					
<i>Sarcornia blackiana</i>						
<i>Sarcornia quinqueflora</i>	beaded samphire					
<i>Sarcornia crassifolia</i>	Thick leaved fan flower					
CLIMBERS AND CREEPERS						
<i>Hardenbergia comptoniana</i>	Hardenbergia					
PERRENIAL HERBS						
<i>Austroranthonia occidentalis</i>						
<i>Conostylis aculeata</i>	Spiny cottonheads					
<i>Conostylis candicans</i>	Grey cottonheads					
<i>Dianella revoluta</i>	Flax lily					
<i>Ficinia nodosa</i>	Knotted clubrush					
<i>Kennedia prostrata</i>	Running postman					
<i>Lomandra maritima</i>	Coast mat rush					
<i>Stipa elegantissima</i>	Feather speargrass					
<i>Spinifex hirstus</i>	Satin leaved spinifex					
<i>Spinifex longifolius</i>	Long leaved spinifex					
RUSHES AND SEDGES						
<i>Baumea juncea</i>	Bare twig rush					
<i>Centella asiatica</i>	Centella					
<i>Juncus Kraussii</i>	Shore rush					



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Memories of Bunbury Facebook stories:

<https://www.facebook.com/158463297660502/posts/pfbid02ViM2n9zAoaQD1vBfNjqZ9Rfj5a77SYkLNx-b9uYpkbG6pn3Bd22FFxaXyPmGMkVpdl/>

https://m.facebook.com/story.php?story_fbid=pfbid0tYqTatpdUBafmza9dPznK7rc67PUByVC2W-4pInWu8QEYqaqL148rdka3E65EzNcbl&id=158463297660502