

An aerial photograph of a recreation area. In the center, there is a rectangular building with a flat roof and a large, irregularly shaped paved area, possibly a tennis court or a multi-use court. To the left, there is a dense area of trees and a curved path. The overall scene is captured from a high angle, showing the layout of the site and surrounding areas.

KARIONG OVAL RECREATION AREA

FINAL CONCEPT DESIGN REPORT

CENTRAL COAST COUNCIL

JUNE 2021

CONVIC

PREPARED BY



QUALITY INFORMATION

PROJECT NAME KARIONG OVAL RECREATION AREA
PROJECT NO. 20098
PREPARED BY Matthew Popek
REVIEWED BY Bryce Hinton

FOR



ACKNOWLEDGEMENTS

CONVIC Pty Ltd. Acknowledge the contributions of all those who participated in the draft concept design consultation for the Kariong Oval Recreation Area, including the Central Coast Council staff and residents, community groups and other stakeholders who responded to the various opportunities for input and/or who provided advice and information where required.

REVISION HISTORY

REVISION	REVISION DATE	DETAILS	AUTHORISED	
			NAME / POSITION	SIGNATURE
A	26.05.2021	REVISION A	BRYCE HINTON /DESIGN MANAGER	
B	31.05.2021	REVISION B	BRYCE HINTON /DESIGN MANAGER	
C	22.06.2021	REVISION c	BRYCE HINTON /DESIGN MANAGER	

© CONVIC Pty Ltd. All rights reserved.

CONVIC has prepared this document for the sole use of the Client and for a specific purpose, each as expressly stated in the document. No other party should rely on this document without the prior written consent of CONVIC. CONVIC undertakes no duty, nor accepts any responsibility, to any third party who may rely upon or use this document. This document has been prepared based on the Client's description of its requirements and CONVIC's experience, having regard to assumptions that CONVIC can reasonably be expected to make in accordance with sound professional principles. CONVIC may also have relied upon information provided by the Client and other third parties to prepare this document, some of which may not have been verified. Subject to the above conditions, this document may be transmitted, reproduced or disseminated only in its entirety.

CONTENTS

INTRODUCTION	01
Introduction	04
SITE ANALYSIS	02
Site Analysis	06
UNDERSTANDING SKATE CONTEXT	03
Existing Skate Provision	10
DESIGN VISION	04
Community Reflective	11
DESIGN IDEATION	05
Concept Ideation	12
CONCEPT EVOLUTION	06
Diagrams	13
DRAFT CONSULTATION FEEDBACK	07
Summary	14
Key Changes	15
DESIGN CONCEPT	08
Design Visuals	16
PALETTES	09
Design Reference Images	22
CONCLUSION	10
Moving Forward	23

01

INTRODUCTION

EXECUTIVE SUMMARY

This report outlines the development of the conceptual design for the new Kariong Oval Recreation Area which aims to relocate and amalgamate the existing skate park and play space into one more integrated community space at the southern edge of the parklands. The report summarises the consultation and design process undertaken to create a community responsive design resolution for the Kariong Recreation Area.

The community engagement process has included a number of workshops that were undertaken in Kariong at pre-design and draft concept design phases as well as online consultation in form of an interactive survey. These workshops were held at the local community hall at two different times to ensure maximum reach into the community was attained and feedback from the broader community as well as facility users was captured. A high number of the target demographic took part in these workshops and the online survey creating a well informed design brief that enabled the generation of a draft concept design for the Kariong Oval site.

The draft concept design celebrates the natural surrounds and established trees while capturing the indigenous meaning of Kariong (Meeting Place) for its place name. Additionally, the development will replace the existing skate park and play space to create a more inviting, mixed use community space and look to alleviate some of the ongoing anti-social behavioural problems the park currently faces through the introduction of CPTED principles and an integrated design approach.

The following chapters within this report outline the process undertaken by Convic to develop the final concept design founded off feedback and comments provided by the community during the draft concept consultation workshops. A summary of these events is included within this report.



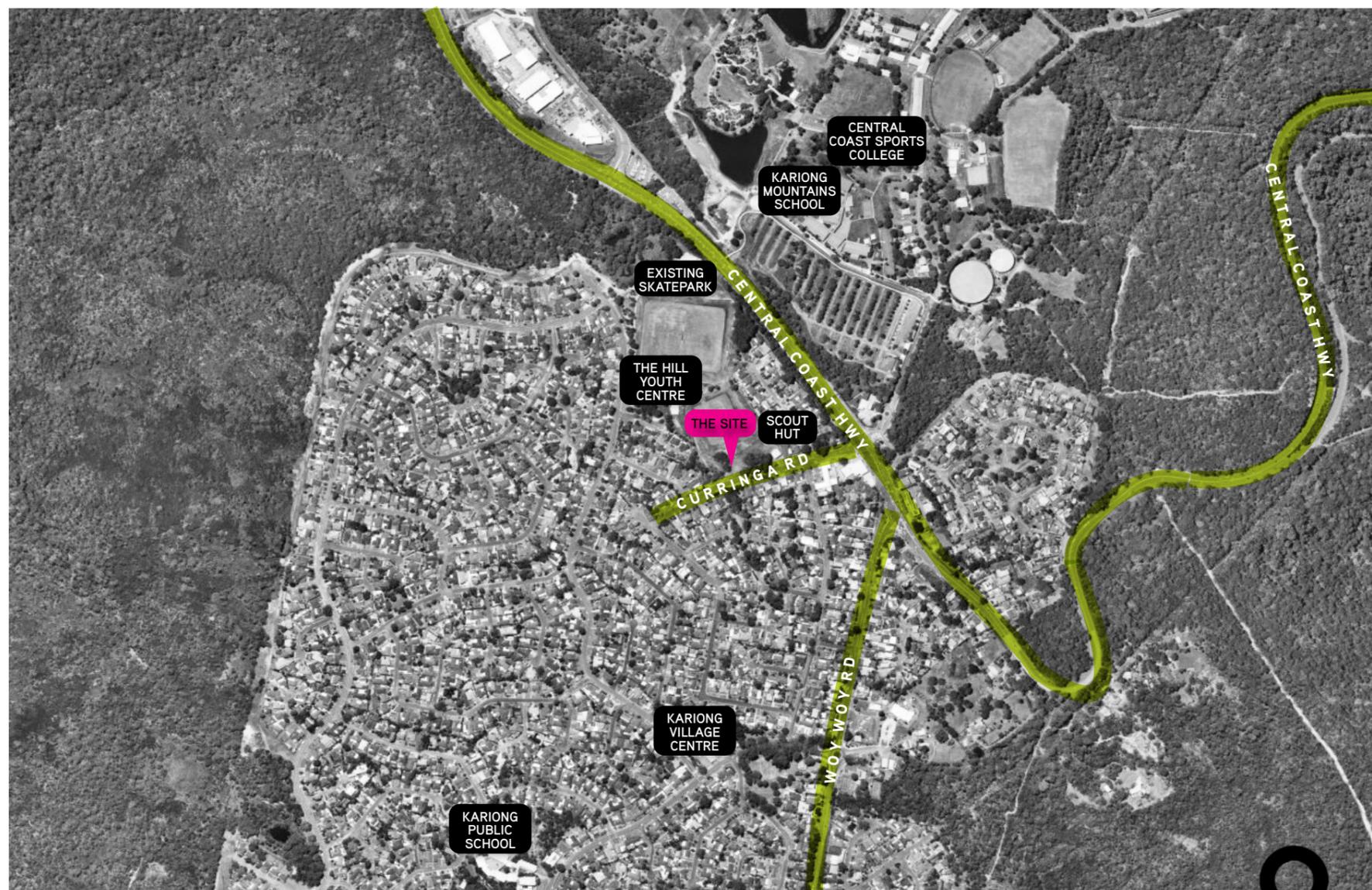
UNDERSTANDING SITE CONTEXT

The Central Coast Council are proposing a new skate and recreation facility located adjacent to Curringa Road within the suburb of Kariong. The development of the skate park and recreation area will provide an enhanced user experiences and create alternative active recreation within Kariong's public open space, forming a key destination for the youth and wider community of the local area and broader Central Coast municipality.

The proposed location sits adjacent to the Kariong United Football Club, The Hill Youth Centre and Kariong Scout Hall, and along a central highway in Kariong. It is located on a portion of land approximately 300m south of the existing Kariong Skatepark, which will be demolished upon completion of the Kariong Oval Recreation Area. The site is situated within parklands with two sporting ovals, a number of walking tracks, native bushlands and is bordered by residential properties. The Kariong Mountains High School, Central Coast Sports College and Public School are all located within a short distance from the proposed development.

The development of the proposed recreation area and broader parkland provides an opportunity for the Central Coast Council to provide active recreation infrastructure that will become a key community asset and be a contemporary facility that meets current industry trends. The space will be available to all demographics and provides opportunity to lift the public profile of the youth within the Kariong and broader Central Coast region.

With the existing site features, the facility will create a dynamic and activated community hub with connections to the natural landscape setting offering recreational and social experiences for all members of the community to enjoy.



02

SITE ANALYSIS

SITE FEATURES

The site is located parallel to Currunga Road adjacent to the highly utilised Kariong Library of which includes a small outdoor play area, large car park and also supports the Kariong United Football Club.

The proposed site is an open grass area that is located between a clump of trees and vegetation, over looks the oval and has a gentle south - north orientated slope. The asphalt carpark and access road network bordering the site is used by library patrons and provides opportunities for skate park users to utilise. Residential boundaries surround the south edge of the site with local walking trails located in close proximity and the Kariong Mountains High School is within ten minutes walking distance.

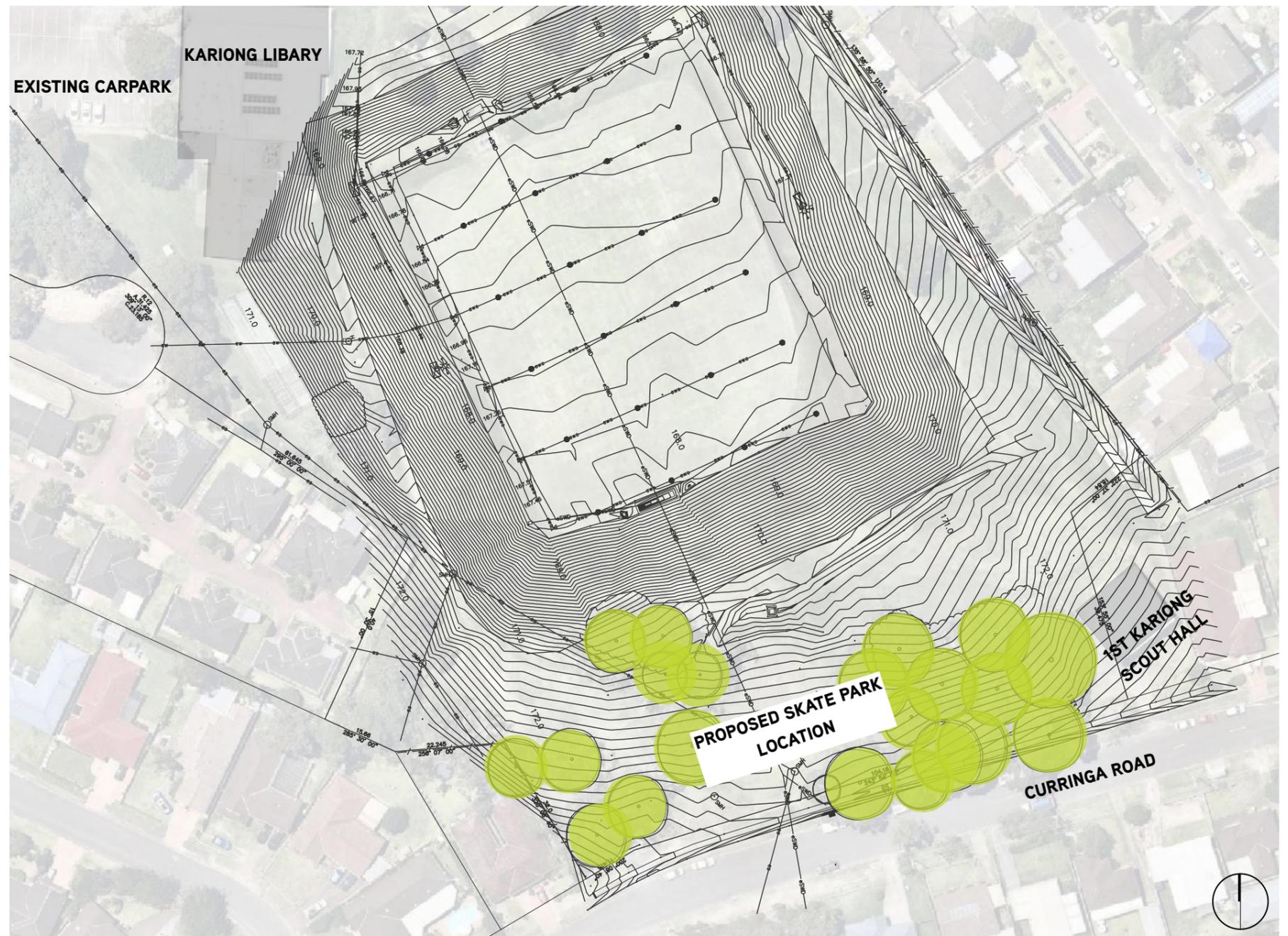
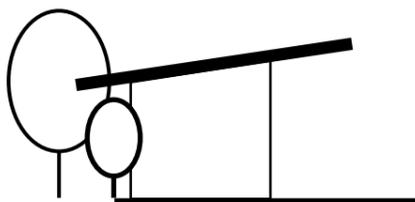
There are several services that bisect the site, including storwater drainage connectign the road and parklands and a sewage run coming from the roadside.

SITE FEATURES

EXISTING BUILDINGS

EXISTING BUSHLAND VEGETATION

0.1m CONTOURS



VISUAL CONNECTIONS + CPTED PRINCIPLES

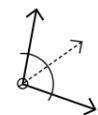
It is essential for the design of any youth facility to allow for and encourage clear views into, across, from and through the site.

This promotes passive and natural surveillance for the space and discourages anti-social behaviour. Due to the open nature and gentle slope of the site, vantage points into and out of the site occur in multiple locations and allow these effects to take place. It is important to take visual connections into consideration during the design phases and avoid creating enclosed out-of-site areas. Views from within the site out towards the street are to be maintained and enhanced throughout the conceptual development phase.

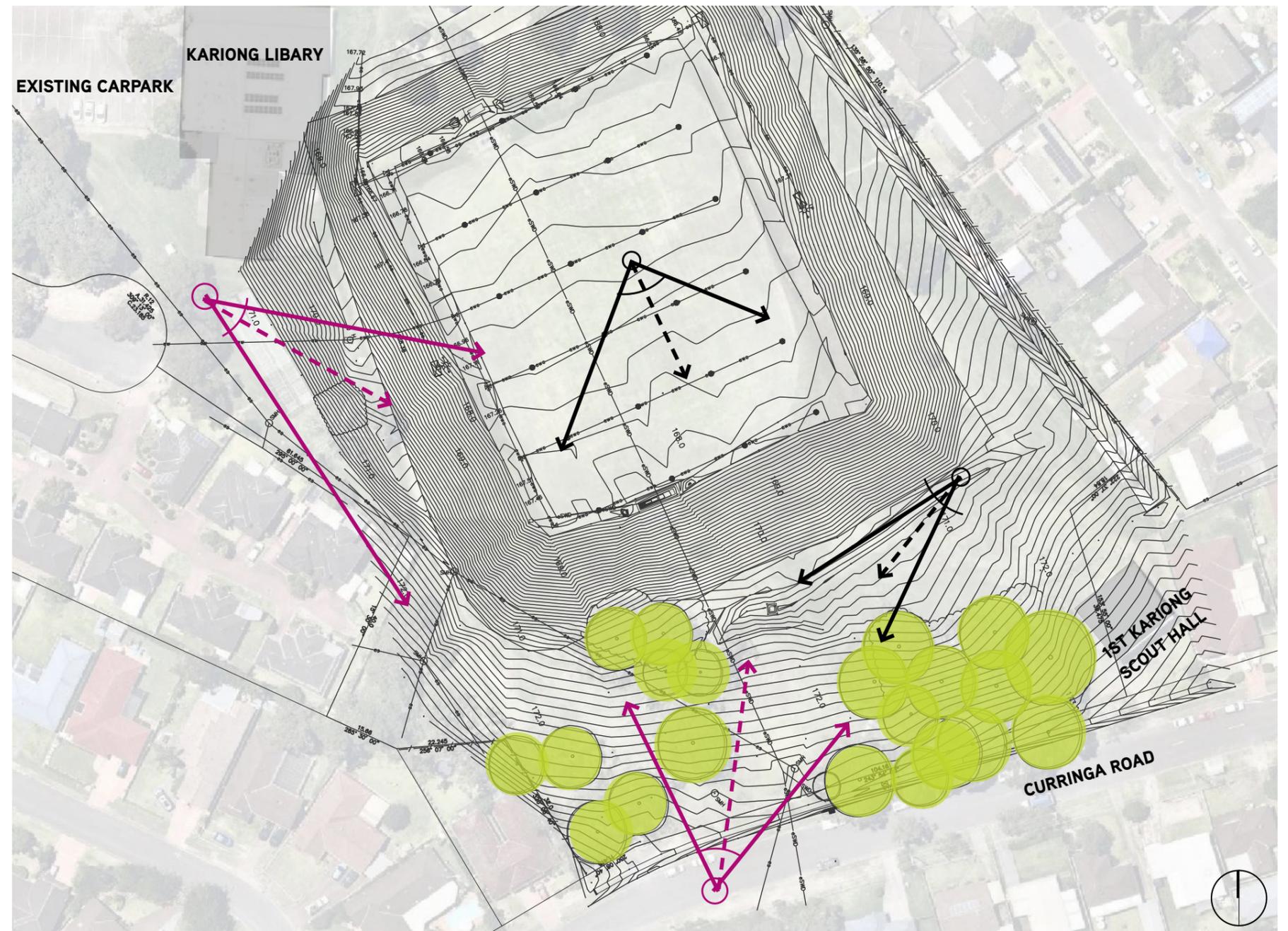
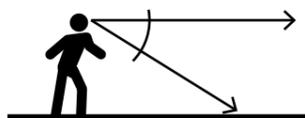
VISUAL CONNECTIONS



EXTERNAL VIEWS



INTERNAL VIEWS



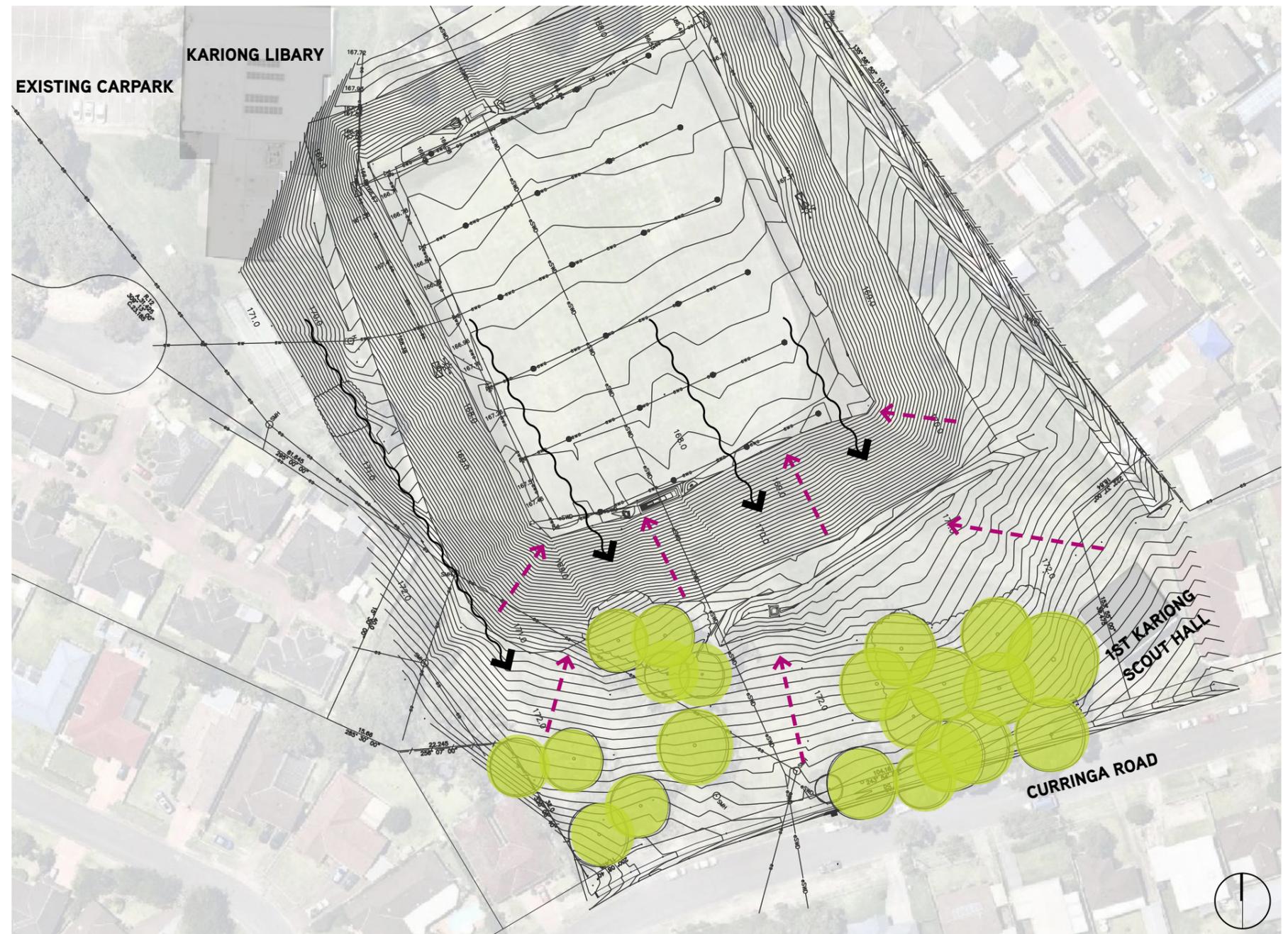
TOPOGRAPHY, HYDROLOGY + ASPECT

The site grades from south to north and in from both south, east and west corners towards the Kariong oval and library. There is an existing stormwater pit with open grid located adjacent to the top of the embankment to the south of the oval and provides connection opportunities for the facility drainage network.

The direction of the afternoon sun is from the West with some overshadowing from the existing trees and vegetation expected to occur in the afternoon and evening time. Solar direction will be considered throughout the design process with the intention to reduce solar impact on end users and spectators by providing purpose built shade relief and taking advantage of the natural shade available on site.

ENVIRONMENTAL FACTORS

- 0.1M CONTOURS
- - -> GRADE DIRECTION
- ~> AFTERNOON SUN



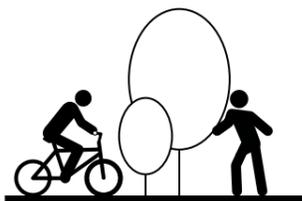
CIRCULATION + ACCESS

The site is highly accessible for users who are utilising the existing carpark. To provide a safe environment in a zone that will be shared by both pedestrians and vehicles, circulation and access into the proposed development will be a key consideration throughout the design process. The adjacent Curringa road further provides multiple opportunities for good connections and access points. There are currently a number of informal footpaths around the parklands and oval which will be considered within the future circulation of the proposed facility.

The location of the current gate from the pavement and roadside forms a natural entry node at the junction of multiple desire lines of travel. This access opportunity is to be further investigated during the concept design phase.

MOVEMENT + CIRCULATION

-  PEDESTRIAN
-  VEHICLE
-  ENTRY NODES



03

UNDERSTANDING SKATE CONTEXT

EXISTING SKATE CONTEXT

In order to determine the style of facility proposed for the proposed Kariong Oval Recreation Area it is first important to undertake a study of skate facilities within a close proximity to the proposed development. This investigation reviews their park typology and identifies gaps in the surrounding regions skate park provision. Skate facilities consist of three distinct styles: plaza, transition and combination.

This study has identified that the region has a number of facilities, all within an hours drive (50km) of the site. Convic have reviewed the majority of these facilities however skateparks that are significantly old or do not meet current standards (ie. prefabricated steel ramps on slab) have not being included within this contextual analysis.

Many of the existing parks are combination style skateparks offering their users a mix of different skate styles and skill levels. A small number of the existing facilities are old-style skateparks that consist of features that are outdated and not meeting current skate trends.

With this in mind it is advised that a combination style facility will be best suited for the new Kariong Oval Recreation Area. Low level transition and open street areas will provide a range of features for all rider styles and abilities. These features will have a preference to beginner and intermediate level riders but also include elements that can be used differently by the more experienced. This will create a facility that enables skill development and compliments the ever growing network of skateparks within the Central Coast municipality and broader region.



04

DESIGN VISION

BRINGING A MULTI-USE, CONTEMPORARY, ACTIVATED SPACE TO KARIONG FOR THE WHOLE COMMUNITY.

As part of the Kariong Oval Recreation Area development, a community driven design vision has been developed to guide the proposed facility design, this is as follows:

DESIGN VISION

SITE RESPONSIVE

Within Kariong Oval, the proposed recreation area will replace the existing skate park and play equipment in a more celebrated and safe location. Located along the southern end of the site the facility will create a relationship with the park frontage along Curringa Road and utilise open site lines from the library, road side and sports oval. Key items to be addressed within the concept design are to enhance CPTED principles, effectively connect with these surrounding facilities and design around the site conditions and existing trees.

TARGET USER GROUP

The community feedback has highlighted scooter riders as the majority of users. It will however, cater to all user groups including those participating in skateboarding, BMXing, roller skating and all other active wheeled sport disciplines, as well as those non-active participants looking to spectate and enjoy the public space.

SKILL LEVEL PROVISION

There was a relatively even spread of abilities within the consultation while intermediate was the most common response, beginner and advanced level users were also well represented. It is key to provide for skill progression within the facility. This will allow for beginner users and future generations to learn and continue ongoing progression up to an advanced skill level and for advanced users to continue to be challenged and remain engaged.

SKATE TYPOLOGY

A clear preference for a mixed facility of street and transition style elements was indicated by the majority of participants. The design will look to work in conjunction with the features found at existing facilities within the region to create a complimentary network of skateparks and active recreation spaces throughout the Central Coast municipality.

SKATE VISION

The majority of riders favour a combination of flowy transition and street style skate features. The facility design will therefore respond to community desires, offering a variety of features that cater to all styles of skate. Standout features highlighted by the community were bowls, rails and spine. There were also a high number of votes for the facility to include a pump track.

Although popular the inclusion of a closed bowl will be unlikely due to project parameters such as budget, existing site conditions and the current anti social behavioural issues at the existing bowl. In addition to the specific features, there was an interest in community activation events such as the facility being designed to attract local skate competitions and demonstrations and be capable of holding learn to ride workshops. The design proposal of the space will consider connecting elements suitable for the provision of such local events.

USER + SPECTATOR AMENITIES

To ensure a central community space that can be used by a variety of different user groups, the facility will offer a number of social opportunities. The provision for areas of refuge and shade throughout the day is to be considered, whether purpose built or looking to utilise natural shade. Further to this the design will look to include play facilities to replace those identified to be decommissioned adjacent to the library car park. This will enhance the space and create a well rounded community asset.

ICONIC ELEMENTS + LOCAL IDENTITY

To celebrate the Kariong area and broader Central Coast region the design process will investigate different opportunities to provide the facility with its own identity. Community members highlighted the rich Indigenous heritage of the land and the prevalent Indigenous art and carvings within the region. Other iconic elements that were highlighted include the local beaches, wildlife, flora and fauna and nearby mountains as items that could influence the parks identity.

05

CONCEPT IDEATION

CONCEPT IDEATION

The draft concept is inspired by the local Aboriginal meaning for Kariong; 'Meeting Place'.

Currently the skate park at Kariong Oval is associated by many as a negative space with a reputation for unwanted anti social behaviour in a part of the park that's out of sight from the wider community.

The proposed concept aims to turn this on it's head by creating a public space that's inviting and safe for all of the community to use; a meeting place.

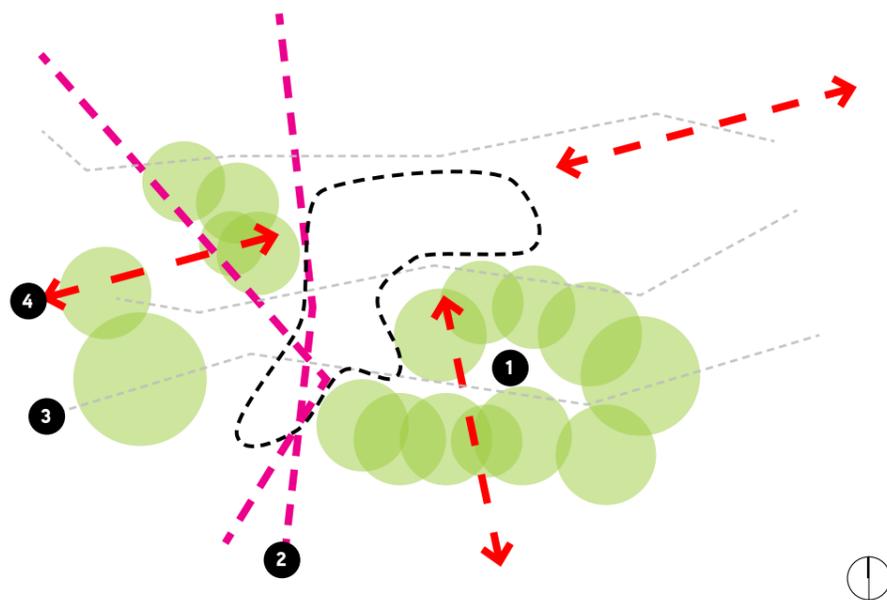
Combing a mix of skate, community art, play, pump and more passive recreation the space will encourage all members of community to become involved with the facility and the people who use it.

However feedback at the draft design consultation period indicated the theming of the space could be developed to provide more direct and obvious links to the local wildlife and in particular the 'Black Cockatoo' which inhabits the local area and is popular with the local community. This design ideation will be explored in more detail as the concept developments from draft to final.



06

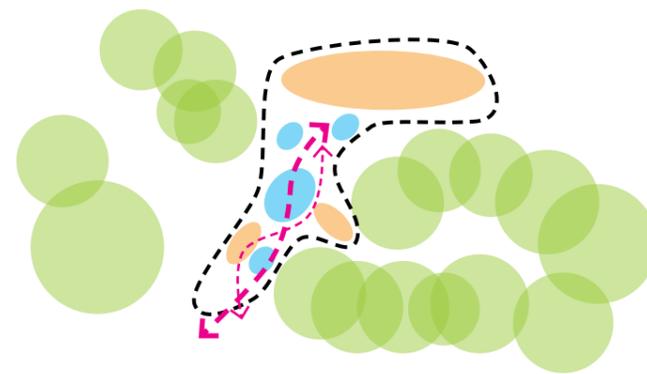
CONCEPT EVOLUTION



SITE CONSTRAINTS

The site proposed for the Kariong Oval Recreation Area has a number of site constraints that have been addressed throughout the concept design phase of the project.

- 1 Located in amongst a large number of significant trees, the design will work with the trees; avoiding the TPZ's, utilising the natural shade and framing sight lines.
- 2 A number of underground services run across the site creating an area that is unable to be developed as part of the skate park works, however less complex hardstand works will be located in these areas.
- 3 A tiered design will utilise the S-N fall across the site and promote key sight lines from Currina Road and the surrounding parklands.
- 4 A 50m offset will be applied from the skate park area to all surrounding residential properties.

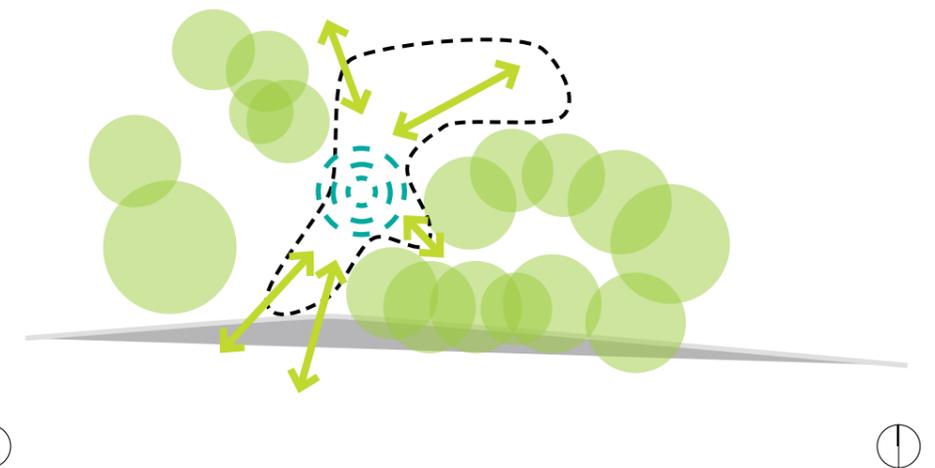


COMBINE AND COMPLEMENT

In a tight and complex site with budget constraints, the concept design looks to maximize both by combining the individual active and passive areas to create shared interfaces that complement one another and allow a range of uses that appeal to a wide demographic.

This design approach invites a wider range of community members into the space and allows them to interact with one another. The balance and layout of passive and active areas is carefully considered and the use of mixed materials and vibrant colours helps to delineate the space and direct pedestrian movements.

The design will look to integrate into the natural surrounds and enhance views creating a unique aesthetic for the facility which promotes a sense of place and actively encourages the community to take ownership of it.



MEETING PLACE

To celebrate the community of Kariong and encourage the youth in the area to become more actively involved with the wider community the design will be inviting for all.

Multiple spectator and seating spaces and landscaped edges will invite people off the road and into the space, allowing them to interact with one another; creating a central community hub that engenders community pride and promotes community ownership of the space.

Open views and low level features will enhance passive surveillance from the adjacent Currina Road to allow clear views in and out of the facility. Further it is recommended local police include Currina Road as part of their current patrols to further promote safe use of the space and help prevent any unwanted behaviour from the previous facility occurring at the new one.

07

DRAFT CONCEPT: CONSULTATION FEEDBACK

DRAFT CONCEPT DESIGN CONSULTATION

The draft concept design consultation saw two design workshops take place over at the Kariong Community Hall where the draft concept design was presented before participants were encouraged to provide feedback, become involved with design workshops and complete questionnaires around the design proposal.

These events aimed to capture a range of different age groups and interests. The first workshops took place just after school hours had finished and the second was held during the evening after average working times.

The first workshop was well attended by younger families and current skate park users of all genders, most of whom had attended the first round of consultation. The second was attended by a number of local residents who live close to the proposed site, the majority of which had also attended the previous pre-design consultation workshop.

To further capture as many interested parties as possible, the design was displayed online and participants were encouraged to complete an online survey and provide feedback on the draft concept design displayed.

The draft concept design consultation process aimed to:

- Engage with community members and key stakeholders before the final concept design of the new skate space.
- Inform stakeholders and community members of the current status of the project.
- Have community and users take ownership of the consultation process outcomes.

The following pages outline key responses received during group discussions and a summary of the feedback from the consultation questionnaire available both at the community workshops and online.

DRAFT CONCEPT CONSULTATION SUMMARY

SKATE AREA

Many participants felt that the draft concept design was a good improvement on the existing skate park and provided a facility much more suited to the needs of local users. However many commented it was lacking in a ledge, and a common response was to include one on the flat area opposite the kicker. Another comment was to add some height to the transition - possibly on the hip.

PUMP TRACK

The pump track was well received with many participants commenting on how much they liked the location of the pump track situated between the trees. A few comments requested the inclusion of a box or table ramp.

PLAY AREA

Several respondents stated that the location of the play area was too close to the road and the consensus was to relocate it closer to the trees on the west and allow for the seating around the play equipment to utilise some of the natural shade that the trees provide. Another comment included adding some nature play elements to this area which will be explored should the budget allow it.

CENTRAL SOCIAL SPACE

Similarly to the play area a number of participants commented on whether this was the best location for the seats and social space. Although everyone agreed it was a good inclusion they felt it could be better positioned closer to the trees on the west where it could provide good circulation to the skate park and utilise some of the natural shade provided by the trees.

AESTHETIC

Participants were generally in favour of the natural aesthetic of the park, and felt that the coloured highlights and line marking added a playful vibrancy to the space. The low level open style of the features was supported, and most respondents were happy to see an upgrade to the existing park's facilities. However there were comments from community members to include more meaningful theming possibly related to the black cockatoo which is native to the region.

SUPPORTING AMENITIES

Respondents to the surveys were happy to see supporting amenities such as drinking fountains, seating and rubbish bins. However there were discussions around the inclusion of a shade shelter. The outcome to most of these discussions was that it was generally a good idea to leave it out of the proposal currently due to concerns about how it may encourage certain social groups to 'hang around' at the facility and potentially lead to anti-social behaviour. Many requested the proposed seating be relocated under the natural shade of the nearby trees and that some seating be provide to support the skate area.

DRAINAGE AND MAINTENANCE

Respondents requested that the upgraded facility be designed to drain adequately to allow use after wet weather events. Consideration will be taken in the design to ensure that all concrete surfaces are free draining, and the ponding of water is avoided. Further comments were made around the green islands within the space and how these will be maintained to ensure they do not become unkempt. This will be further discussed with Council and their maintenance team.

DRAFT TO FINAL: KEY CHANGES

DRAFT



- 1 Play Space relocated to allow 10m+ buffer from Curringa Road and utilise natural shade of surrounding trees.
- 2 Refuge seating area removed from centre of skate and pump areas.
- 3 Garden beds proposed around central entrance path to soften views and create a more inviting entrance point.
- 4 Black Cockatoo theming included as response to draft concept design feedback and to further enhance community attachment to the design.

FINAL



- 5 Pump track rationalised around new design layout.
- 6 Seating added to skate area.
- 7 Skate features amended to reflect draft design community feedback including; addition of flat ledge, increased transition height and reposition of level change with hubbas.
- 8 Footpath extended to provide direct access to skate park area.
- 9 Rock boulders introduced to protect earth batters in hard wear areas and better retain loose earth and turf on batters.

08

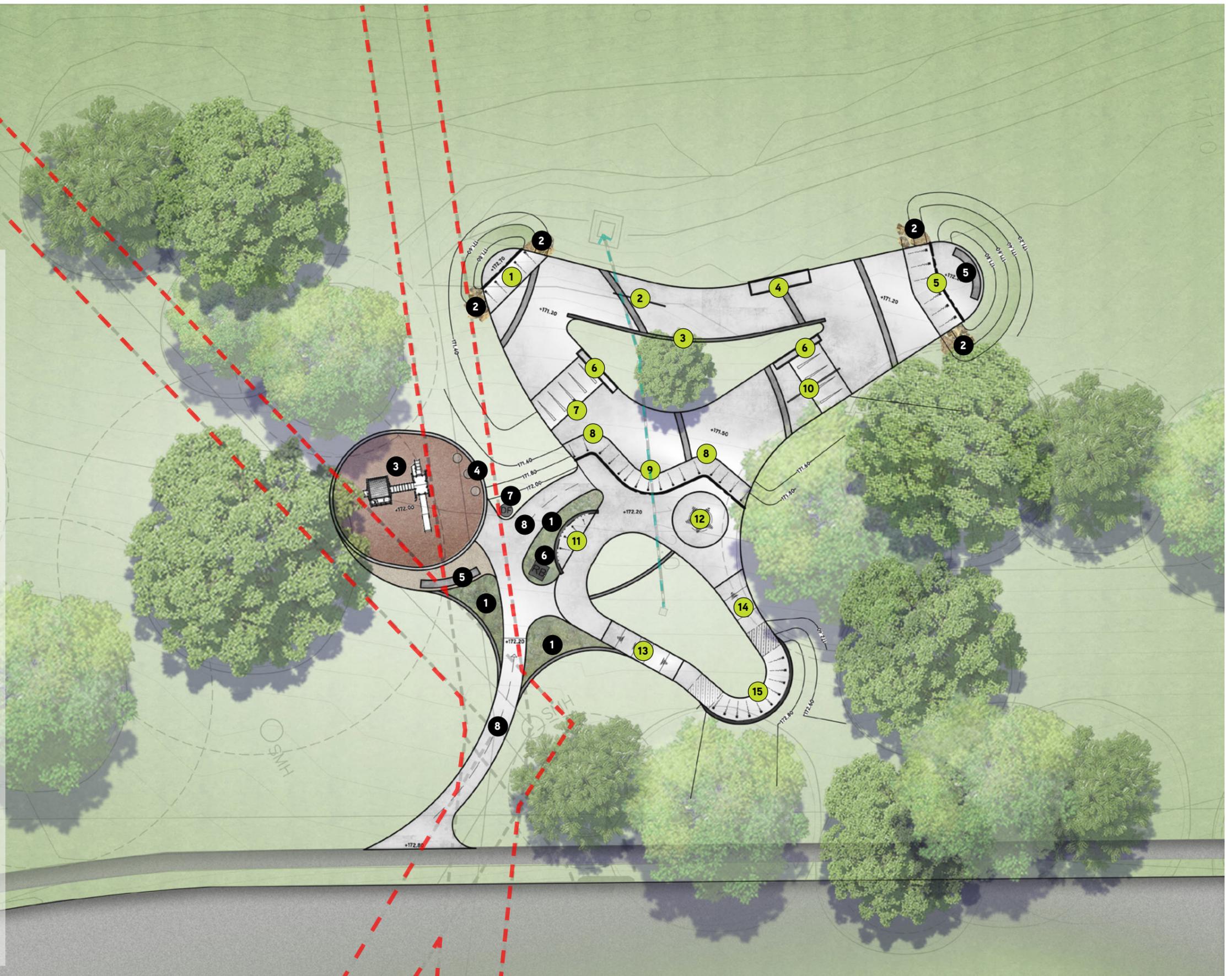
LEGEND

SKATE + PUMP WORKS

- 1 1500H Whippy Quarter
- 2 375H Flat Bar
- 3 Slappy Kerb
- 4 250H Manual Pad
- 5 1000H Transition Hip
- 6 Hubba Ledge
- 7 Rainbow Rail
- 8 700H Transition Hips
- 9 700H Transition Pocket
- 10 Down and Out Rail
- 11 Taco with Kerb
- 12 Pump Bump
- 13 Double Roller
- 14 Single Roller
- 15 800H Berm

LANDSCAPE WORKS

- 1 Garden Beds with concrete kerb edging
- 2 Rock Boulder Batters
- 3 Play Space with Mulch
- 4 Nature Play/ Informal seating
- 5 Concrete Seating
- 6 Rubbish Bin
- 7 Drinking Fountain
- 8 Central Footpath
- > Proposed Drainage
- - - 2m Easement for Underground Services



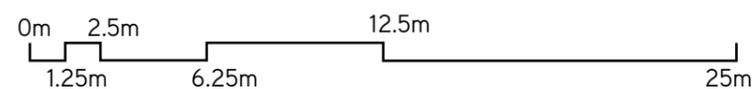
CLIENT:



SKATEPARK DESIGNER:



SCALE: 1:250 @ A3



PROJECT:

KARIONG OVAL
RECREATION AREA

TITLE:

FINAL CONCEPT PLAN

DATE:

21.06.2021

REVISION:

C

CONCEPT OVERVIEW - OVERVIEW



CONCEPT OVERVIEW - PLAY



CONCEPT OVERVIEW - PUMP



CONCEPT OVERVIEW - SKATE



CONCEPT OVERVIEW - SKATE



SKATE + LANDSCAPE REFERENCE IMAGES

Skate obstacles have been designed to create a unique rider experience, with features that are multifunctional and appeal to a range of different users with a preference to beginner riders.

Landscape materials and supporting amenity are used to enhance the overall user experience and attract a wider demographic into the space. Edge conditions and vegetation can be used to frame sight lines and soften edges, creating inviting entrance nodes and spectator spaces.

1. Garden Beds at concrete skate edges
2. Concrete Pump Track
3. Feature Colour Patterns
4. Play Space with seating under trees
5. Low Level Plaza Skate area



10

NEXT STEPS

MOVING FORWARD

Upon Council endorsement of the final concept design, the concept will be presented publicly through the Central Coast Council website for online viewing and to ensure the communities involvement within the design process is maintained. This will demonstrate how the concept has evolved to incorporate key community input throughout the design and consultation process.

This continued involvement connects the community with the project and ultimately creates a vested interest in the built outcome. At this stage it is not recommended to provide the opportunity for any further comment from community.

It's proposed that the project be released as a design and construction tender as this will afford Council the ability to save time and money in delivering the community a high quality and successful facility to be enjoyed by community for generations to come.

CONVIC

CREATE COMMUNITY

HEAD OFFICE

UNIT 13, 46-50 REGENT STREET
RICHMOND VIC 3121 AUSTRALIA
T +61 3 9486 9899

MELBOURNE | SINGAPORE | DUBAI

CONVIC.COM