Vicinity Centres Bankstown Masterplan Landscape Concept Master Plan

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for Planning Proposal Vicinity Centres

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Bankstown Landscape Concept Master Plan

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1.0 Publicly Accessible Open Space Opportunities



Legend

1001 - - -. ::::: ----_ _ _ _ _ _ _ _ • • • • • • • • • • • • • • • • •

City Park (A) Garden Boulevard (B) Jacobs Street Food Plaza ⓒ Urban Plaza (D) Jacobs Street (Including extension of (E) shared bus and pedestrian zone) Lady Cutler Avenue Pedestrian Avenue $\,(\bar{\rm F})\,$ Event/ Play Space (G) The Appian Way Arrival Plaza $(\ensuremath{\mathbb{H}})$ New Metro Station New Metro Plaza Railway Corridor Future Through Site Link Within Retail Centre --> Shared Path

Pedestrian Laneways

Existing Street Trees to be Retained. Infill with New StreetTree Planting = Green Streets

2.0 Landscape Concept Master Plan



Legend

 (\mathbf{A}) City Park В Garden Room **c** Urban Plaza D Jacobs Street Food Lane Jacobs Street (Including extension of shared bus and pedestrian zone) E F Lady Cutler Avenue Pedestrian A venue (1)Amphitheatre 2 Stage 3 Adventure Play (Sculptural) 4 Community Lawn 5 Passive Recreation - Seating Pods, Work Stations 6 Flexible Civic Space 7 Green Streets Shared Pedestrian / Cycle Path 8 Pedestrian Laneways 9 Market Lawn 10 Pedestrian Crossing (11) Covered Food + Beverage Outdoor Dining (12) New Metro Station 13 New Metro Plaza 14 The Appian Way Arrival Plaza С Existing Trees to be Retained +25.0 Levels Railway Corridor _ _ _

NOTE: All streets are aligned with the Clty of Canterbury Bankstown 'Complete Streets' Strategy.

3.0 Relevant Policies and Guidelines



01 Bankstown Complete Streets

- Provides an integrated transport and streetscape plan
- Aims provide, slower, safer streets that impove access and create more attractive spaces
- Places pedestrians at the top of the transport hierarchy for the future of Bankstown



03 Urban Green Cover in NSW

- **NSW** settlements
- ulletchange
- minimise urban heat impacts



02 Draft Design and Place SEPP

- Aims to improve long term design and place outcomes such as:
 - More productive use of land and better use of infrastructure investment
 - More resilient places that respond to impacts of climate change
 - Healthier, better quality public spaces and green infrastructure

Best practice and guidelines to increase the resilience of

Guideline for communities in response to climate

Provides practical information and typical details to encourage best practice applications of green cover and

4.0 Overarching Principles

Aligned with 'Greener Places' - Government Architect NSW Document



Connectivity



Create an interconnected network of open space

Participation 117



Involve stakeholders in development and implementation of neighbourhood initiatives

01 Connecivity

- ٠ connections
- ٠
- and jogging
- economy



Multi-Functionality 14



Deliver multiple ecosystem services simultaneously to improve health and wellbeing



Legend

	City Park
<i>«</i> ····»	Shared Path
$\leftarrow - \rightarrow$	Garden Boulev
$\leftarrow - \rightarrow$	Pedestrian Lar
$\leftarrow - \rightarrow$	Green Streets
$\leftarrow - \rightarrow$	Green Streets



Consider green space networks at multiple scales Maximise health and wellbeing through walking, cycling

Highlight landscape and heritage and support local

vard neways with Pedestrian Priority

02 Participation



- Enable different government and community groups to ۲ contribute
- Consider needs, values, motivations, uses and barriers to engage with various cultures and users
- Encourage use of underutilised open space corridors for ۲ local community use

03 Integration

- Ensure and facilitate integration of green and grey • infrastructure
- Create urban communities that deliver quality of life to residents and community
- Understand and implement wider environmental, social • and economic benefits from green-grey integation
- Multi-purpose system that mimics nature, promotes healthy and active living

04 Multi-Functionality

- ٠
- •
- ٠ space
- Felxible + diverse open space •







Legend

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	City Park
	Garden Boulevard
100001	Jacobs Street Food Plaza
[[]]]]	Urban Plaza
[]]]]]	Lady Cutler Avenue Pedestrian Avenue
	The Appian Way Arrival Plaza
<i>«</i> ····»	Connections Through the Centre

Legend

Pedestrian Boulevard Shared Path

Shared Path **«……»**

Legend

Space Master Plan



Offer ecological, socio-cultural and economic benefits Design spaces that offer interaction and stewardship, community identity and sense of connectedness Create open space that connects and enhances the new project through high quality, high performing green

The Publicly Accessible Open

5.0 Publicly Accessible Open Spaces

City Park + Event Play

One Central Park Sydney

Selected for:

- It's similar scale, size and programming of spaces
- Integration into medium-high density residential towers
- Proximity to existing retail and shopping

Wulaba Park Sydney

Selected for:

- It's similar scale and size of play spaces
- Combination of play and open space surrounded by residential and mixed use developments

Legend



- Existing Trees to be Retained
- +25.0 Levels















Precedent Study Garden Boulevard

Westfield Chermside Brisbane

Selected for:

- It's similar scale and size of spaces
- Linear journey punctuated by a sense of events + destination



Legend

- **B** Garden Boulevard
- Amphitheatre (1)
- (2) Stage
- Passive Recreation Seating Pods, Work Stations 5 4
 - Community Lawn
- (11) Covered Food + Beverage Outdoor Dining
- +25.0 Levels







Precedent Study Jacobs Street Food Plaza

Rouse Hill Town Centre Sydney

Selected for:

- It's similar scale and size of spaces
- Outdoor programming relating to surrounding buildings and functions

Randwick Newmarket Sydney

Selected for:

- It's similar scale and sequence of spaces
- Integrated programming and functions



- D Jacobs Street Pavilion
- (E) Jacobs Street Extention
- (6) Flexible Civic Area
- 8 Pedestrain Laneways
- (9) Garden Room
- (1) Covered Food + Beverage Outdoor Dining
- +25.0 Levels





Precedent Study

Urban Plaza

QV Plaza Melbourne

Selected for:

- It's similar scale and sizes of spaces
- It's proximity to mixed use high rise building framing the urban plaza



Legend

- C Urban Plaza
- (⁸) Pedestrain Laneways
- (1) Covered Food + Beverage Outdoor Dining
- +25.0 Levels





6.0 Vicinity Bankstown Place Pillars



7.0 Required Tree Soil Depth & Volumes

Soil Depth - Apartment Design Guidelines Requirements

The site currently has car parking at grade and needs to be maintained for the operation of the centre, in addition future basement car parking for the proposed development is also required which prevents deep soil being achieved in the majority of areas across the site.

Planting on structure will require the minimum soil volume requirements:

-**Medium Trees** (6-12m in height x 8m Spread) =35m³ (minimum 6m x 6m area)

Small Trees (6-8m ht x 4m spread) =9m³ (minimum 3.5m x 3.5m area)

Minimum Soil Depth

- 1000mm Soil for Medium Size Trees
- 800mm Soil for Small Size Trees
- 100 mm drainage
- 75mm mulch

Allow 1200mm setdown.

Note: The soil depths proposed are suitable to accommodate the relevant sizes of trees that are to be Legend

- 1 Garden Boulevard
- 2 City Park
- (3) Jacobs Street Food Plaza
- (4) Urban Plaza
- (5) Metro Plaza



Indicative Soil Depth & Volume Calculations





City Park

Minimum Soil Requirements:

1225m³ of Soil for 35 Medium Size Trees

Providing:

1517m³ highlighted in Red





Garden Boulevard

Minimum Soil Requirements:

1113m³ of Soil for 30 Medium Size Trees + 7 Small Size Trees

Providing: 1419m³ highlighted in Red

Jacobs Street Food Plaza

Minimum Soil Requirements:

126m³ of Soil for 14 Small Size Trees

Note: Continuous Soil Trench allows for a 30% Reduction of soil volume, therefore total minimum requirements is **69.2m**³

Providing: 107.4m³ highlighted in Red

Indicative Soil Depth & Volume Calculations



Urban Plaza

Minimum Soil Requirements:

210m³ of Soil for 6 Medium Size Trees

Providing: 210m³ highlighted in Red





Metro Plaza

Minimum Soil Requirements:

35m³ of Soil for 1 Medium Size Tree

Providing: 36m³ highlighted in Red

8.0 OPEN SPACE PEER REVIEW RESPONSE

The following responds directly to the five peer review recommendations relating to open space and recreation on page 32 of the Cred Report. It draws from the previous work and current planning proposal documentation.

Peer review recommendation

Support new open space, however a larger amount is needed.

- The site generates overall 2.5ha of public open space if it is to maintain existing level of provision in the CB Centre, higher than the 1.1ha proposed by Urbis.
- The proposed open space network does not result in a complete 200m walking coverage of the site. The proposal includes open space that is not actually public but serves more of a commercial purpose. In addition to the proposed parks/civic spaces Cred recommends a park of at least 0.15ha to be provided on the eastern block.

Urbis Planning Response

- The provision of open space is constrained by the presence of an existing sub-regional shopping centre that is being retained. This serves to reduce the ability to provide open space when compared to a cleared site.
- The proposed park exceeds the minimum requirements for the provision of central open space at the site, along with other pedestrian focussed and tree planted plazas and linkages.
- The provision of open space represents more than 15% of the net developable land (NDL) given the presence of the retained shopping centre. To provide 2.5ha of open space as part of this development is not achievable, as it would result in some 44% of the NDL for the development being required for open space.
- The Proponent is also seeking to contribute to the provision of multi-purpose sporting facility off-site as part of the scheme.
- The location of the Central Open Space means that the entire site will be within or only slightly beyond 200m from this space. The Western side of the site is also within 200m of Paul Keating Park.
- Due to the retention of the existing part of the shopping centre within the Stacey Street Precinct which takes up the majority of the footprint of the block, the provision of an additional park at this eastern side of the site cannot be achieved.

Peer review recommendation

- Support a city park but larger and consolidated
- Cred recommends one consolidated city park of at least 0.5ha up to 2ha on site, with no walking/ cycling path puncturing the centre and splitting the park in two pieces.
- The central park from the development should also be wider and longer to increase its use and capacity and have good access to natural light.
- Will need to accommodate local uses as Paul Keating park is regional/civic use including fitness equipment, informal kick around and play.

Urbis Planning Response

- The peer review states the minimum size of a park should be 5,000m². This is the minimum size cited in the draft Design Guide for a local park in medium to low density areas (2018: 18).
- In high density areas "the minimum size of a local park is 3000m². In high density areas, parks are sometimes as small as 1,500m²" (2018: 18). High density areas are defined in the draft Design Guide as having a density of 60 dwellings/ha or more.
- The Central Open Space in the current landscape plans is 5,001m². This exceeds both the 3,000m² and 1,500m² minimum park sizes for high density areas.
- Following discussions with Council, the width of the park • was increased to facilitate improved solar access. In addition, the park will accommodate a range of facilities, including:
 - Playground.
 - Outdoor exercise equipment (as per Council requirements).
 - Outdoor Multi-purpose sports (half) court.

- Small and medium scale gathering spaces for studying and passive recreation.

- Covered outdoor food and beverage areas (around the perimeter of the park interfacing with adjoining buildings where viable).

- Open flexible lawns for events, markets, movies, festivals etc.

- Amphitheatre seating steps and stage for events and social gatherings.

Peer review recommendation

Do not support this being defined as a "public open space"

Urbis Planning Response

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Peer review recommendation

Urbis Planning Response

Peer review recommendation

Urbis Planning Response

Highly commercialised site with a retail setting. Our review does not consider that this space accommodates the needs of future residents of the development, will primarily cater for visitors to the retail precincts.

Due to basement underneath, there is no capacity for deep-soil planting and subsequent substantial shade and tree canopy. Support the provision of a revised public park which should be minimum 0.5ha

Since the lodgement of the Planning Proposal, a DA has been progressed and approved for the western edge of the Rickard Road Precinct (DA-528/2020 approved 19 July 2021).

This amended the Jacobs Street Plaza, which was amended to retain tree planting and introduce raised seating and planters along with artificial turf and mounds for play opportunities allowing for greater public accessibility.

• As identified earlier in this document, the soil depths proposed are suitable to accommodate the relevant sizes of trees that are to be planted at the site to allow them to grow to a healthy maturity

Support - Cred supports an urban plaza which could cater to pop-up events and activations. There should be adequate seating in all these public spaces. Public art within the plaza could be reflective of local stories and culture.

Support noted – The detailed design approaches suggested by Cred can be considered by the urban and landscape designers at the development application stage.

Support - Cred supports a shared pedestrian cycle path along Rickard Road, but this is proposed in the concept but not identified in the Urbis recommendations

Support noted - As is typical, the scope of the Community Needs Assessment did not include a review of active transport infrastructure. However, negotiations are continuing with Council for the delivery of this cycle path. Vicinity are committed to the implementation of a shared pathway.

