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# Sydney Metro West Planning Study Stage 2: Draft Final Report Urban Design Framework

City of Canada Bay, NSW

Prepared for City of Canada Bay

Issued
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Level 2, 490 Crown Street Surry Hills NSW 2010 Australia T. 61 2 9380 9911 architects@sjb.com.au

## We create amazing places



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Version: 03 Prepared by: KC, FS, LV Checked by: FL, JK

Contact Details:

SJB Urban Level 2, 490 Crown Street Surry Hills NSW 2010 Australia

T. 61 2 9380 9911 architects@sjb.com.au sjb.com.au

SJB Architecture (NSW) Pty Ltd ABN 20 310 373 425 ACN 081 094 724 Adam Haddow 7188 John Pradel 7004

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## **Contents**



1	Repo	ort Overview	4	4	Cond	cord/Burwood North	3
	1.1	Executive summary	4		4.1	Challenges	3
	1.2	Approach to Stage 2 - The Framework	5		4.2	Opportunities	3
	1.3	Approach to Stage 2 - Outcomes	6		4.3	Vision	3
	1.4	Key moves	7		4.4	Concord/Burwood North preferred structure plan	3
2	The (	Context	8		4.5	Concord/Burwood North - Design recommendations	3
	2.1	Strategic drivers	8		4.6	Concord/Burwood North potential built form massing	3
	2.2	Sydney Metro West	9		4.8	Open space, public domain and community framework plan	4
	2.3	Overarching urban design principles	11		4.9	Movement and access framework plan	4
3	Five Dock		13		4.10	Land use and activity framework plan	4
3					4.11	Built form and heritage framework plan	4
	3.2	Challenges	14	5	North	n Strathfield	4
	3.3	Opportunities	15		5.1	Challenges	Δ
	3.4	Vision	16				
	3.5	Five Dock preferred structure plan	19		5.2	Opportunities	5
	3.6	Five Dock - design recommendations	20		5.3	Vision	5
	3.7	Five Dock potential built form massing	21		5.4	North Strathfield preferred structure plan	5
	3.8	Open space, public domain and community framework plan	23		5.5	North Strathfield - Design recommendations	5
	3.9	Movement and access framework plan	25		5.6	North Strathfield potential built form massing	5
	3.10	Land use and activity framework plan	28		5.7	Open space, public domain and community framework plan	5
	3.11	Built form and heritage framework plan	29		5.8	Movement and access framework plan	6
	_ , , ,				5.9	Land use and activity framework plan	6
					5.10	Built form and heritage framework plan	6

1

#### 1.1 Executive summary

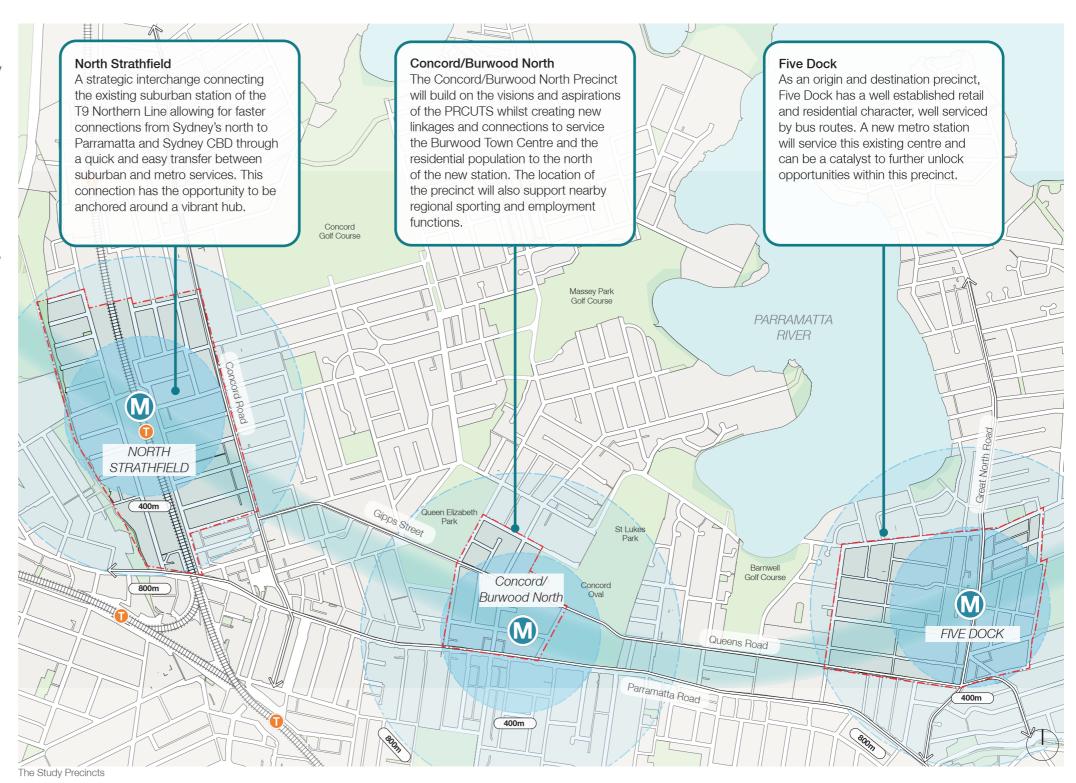
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#### The Purpose

The purpose of this report is to provide City of Canada Bay (CCB) with a study of the opportunities created by the delivery of Sydney Metro West. The study focuses on strategic issues which can be used in collaboration and discussion with Sydney Metro and other government agencies.

The key objectives of the planning study are to:

- Identify a strategic vision for North Strathfield, Concord/ Burwood North and Five Dock unlocked by Sydney Metro and ensure that this vision is reflected in public domain, land use and built form outcomes
- Identify opportunities for new and/or improved areas of open space and social infrastructure within and around new Metro locations
- · Identify opportunities for and facilitate improvements to the public domain to maximise pedestrian amenity, movement and experience
- Established preferred land uses within and around new Metro locations, addressing established character and heritage buildings
- · Ensure that employment functions around station locations are supported and enhanced
- Establish preferred built form outcomes and building typologies within and around new Metro locations.



#### 1.2 Approach to Stage 2 - The Framework

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#### The Process

The process included collaborative workshopping of ideas and built form testing with Council's strategic planning team to ensure that the vision for each Precinct aligns with aspirations envisaged by Council's existing strategic planning documents. The study is divided into two stages:

#### Stage 1: Background Report and Project Visioning

A review and summary of the key strategic documents to examine opportunities to integrate the key visions and objectives from transport infrastructure and land use planning to support the delivery of the Sydney Metro West and its impact to the surrounding context.

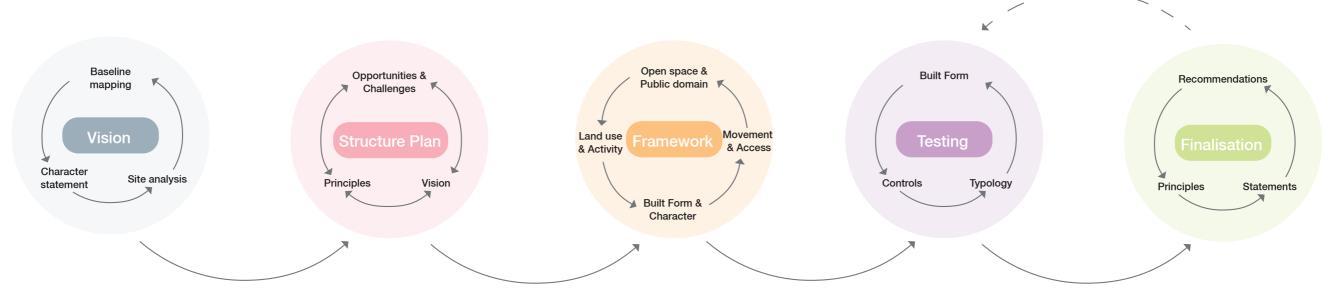
#### Stage 2: Final Report - Urban Design Framework

Preparation of an urban design framework for each Precinct that integrated the findings of Stage 1 to test into a future plan for each precinct this includes;

- · A structure plan (overall vision)
- · An urban design framework:
  - · Open Space, Public Domain and Community facilities
  - · Movement and Access
  - · Land Use and Activity
  - · Built Form and Character

A series of options were developed testing a range of development scenarios to inform the preferred plan.

The framework outlined below illustrates how the vision has been identified, refined and referenced throughout the design process. The framework also focuses on meeting the objectives of the precincts, which includes significant employment targets, improving amenity and strengthening local character.



#### 1. - Understand Place and Future Vision

The first step in the Structure Plan process was to recognise the places, goals, aspirations and objectives articulated by a vision. The vision seeks the creation of a resilient, liveable, responsive, equitable and integrated environment that builds on existing place making qualities.

#### 2. - Create a Structure Plan

The second step was to identify the key factors that have informed our understanding of the key opportunities and challenges. Key challenges include lack of open space and provision of future commercial floor space. The creation of a Structure Plan, which has been informed by a vision incorporating existing and future character elements, public domain, built form, movement and access. The Structure Plan identifies priority actions and directions to ensure the vision is achieved.

#### 3. - Refine through Framework

The third step was to refine the Structure Plan with Framework Plans that convey how the priorities for the Plan can be achieved by addressing key issues through responsive principles and criteria.

#### 4. - Design Testing

The fourth step entailed built form testing outcomes to be tested against the design principles outlined in the framework plans to establish a preferred approach to built form that aligns with the vision and principles.

#### 5. - Finalisation of Plans

From the process of the built form testing, updates are made to finalise the Structure Plan and Urban Design Frameworks to reflect the feasibility of the preferred options.

#### 1.3 Approach to Stage 2 - Outcomes

The following is a representation of the structure of the outcomes for each Precinct:

#### Principles & Vision

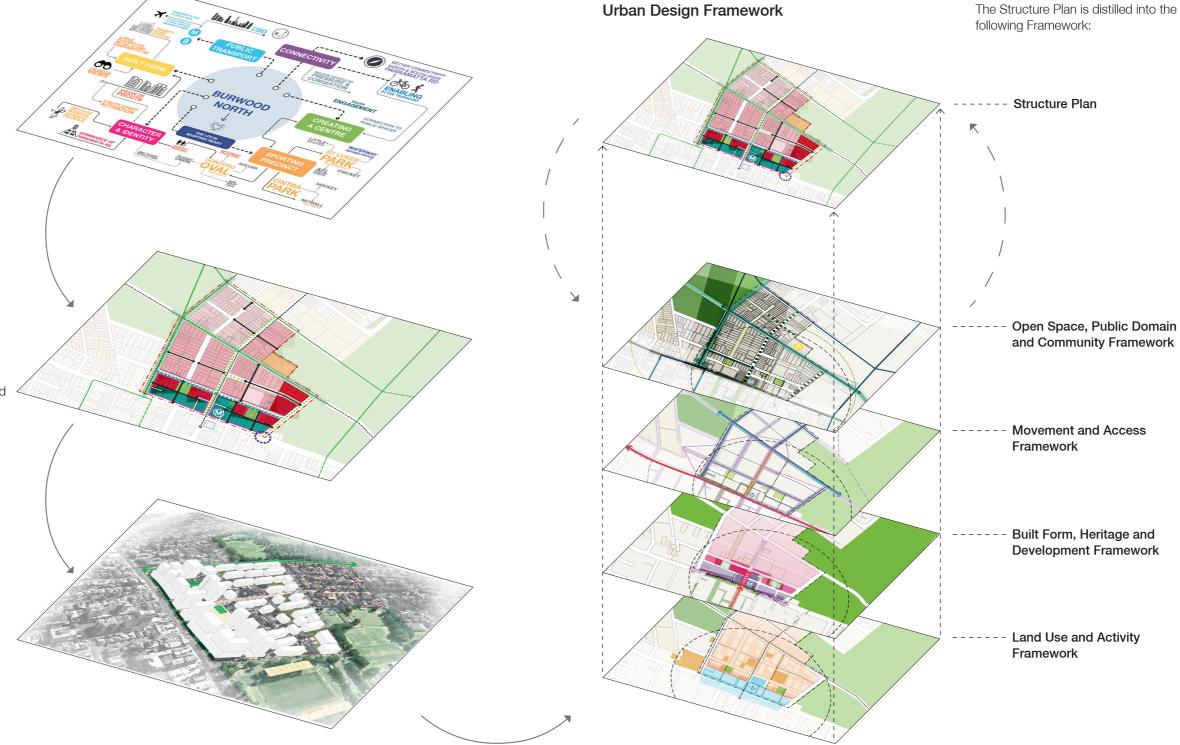
A workshop was held early in the study process to gain a better appreciation of the challenges, opportunities and aspirations of each Precinct and to summarise this vision through a brainstorming exercise.

#### Structure Plan

Structure Plans were produced as a synthesis of the principles and visioning exercise as well as information analysed in the baseline documentation of the background reports in Stage 1. The Plans shown within this report are the preferred options, other options were developed as part of an iterative process with Council, these options are found in the Appendix. The Structure Plan is the basis for the Urban Design Framework.

#### **Design Testing**

Opportunities to test the built form recommendations ensured that the Structure Plans had veracity and are aligned to Council's future vision. Built form testing allows for future population, commercial floorspace and dwelling targets to be calculated.



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#### 1.4 Key moves

The following are the key moves for each Precinct based on the understanding of each Metro station's role within the corridor as identified in Stage 1.

#### **Five Dock**

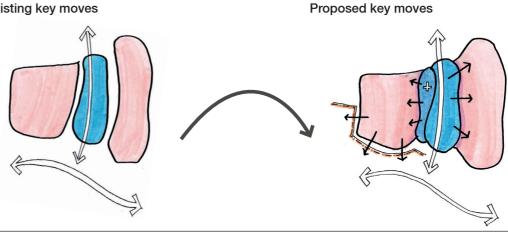
- · Role within the Metro corridor
- An origin and destination precinct with a strong retail and residential character. It is a centre that is a wellconnected attractor and place to both live and work.
- Existing condition

Strong focus on the town centre spine along Great North Road but disconnected to the surrounding area.

#### Existing precinct structure



#### Existing key moves



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#### Proposed key moves

Create links and permeability throughout the precinct and improve connectivity with links and a proper interface with the visions and aspirations of the PRCUTS's Kings Bay Precinct.

#### Concord/Burwood North

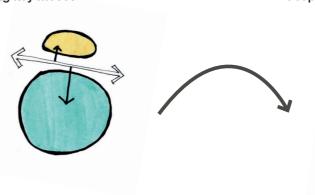
- · Role within the Metro corridor
- An employment and sporting destination hub which integrates the visions and aspirations of the PRCUTS within the broader transport network.
- Existing condition

Constrained by Parramatta Road and limited connectivity north/south. Lack of facilities and services north of Parramatta Road (mostly located south in neighbouring Burwood).

#### Existing precinct structure



#### Existing key moves



#### Proposed key moves



#### Proposed key moves

Unlock north/south connectivity with Burwood. Create a local heart aligned with the new metro and expand opportunities to the north.

#### North Strathfield

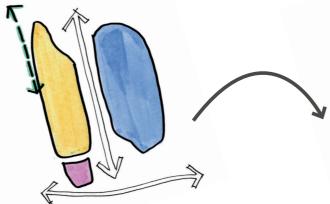
- · Role within the Metro corridor
- A strategic interchange allowing for faster connections from Sydney's north to Parramatta and Sydney CBD through a quick and easy transfer between suburban and metro services at a vibrant hub.
- Existing condition

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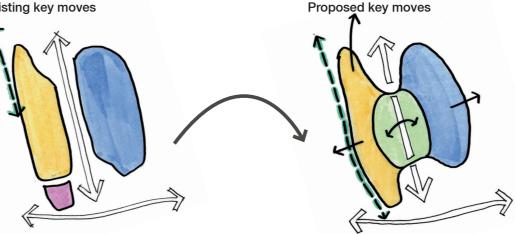
Heavily constrained by existing rail corridor and Parramatta Road and limited connectivity east to west.

#### Existing precinct structure





#### Existing key moves



#### Proposed key moves

Unlock east/west connectivity within the precinct and the surrounds. Create a local heart aligned with the new metro.

# 2

#### 2.1 Strategic drivers

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Canada Bay Local Government Area (LGA) is situated south of the Parramatta River with the northern boundary defined by the river foreshore. It is strategically located approximately 10kms from both the Sydney and Parramatta Central Business Districts (CBD) and is bounded by the Burwood Council LGA to the south.

The Precincts for this study fall within the *Eastern City District Plan*, which is part of the Greater Sydney Commission's region plan, *A Metropolis of Three Cities*. This plan is built on a vision of three cities where most residents live within 30 minutes of their jobs, education and health facilities, services and great places.

The LGA has significant regional connectors within its boundary with the T9 train line to the west, intersecting through North Strathfield. Victoria Road to the east and Parramatta Road and the new WestConnex, a 33km underground motorway, to the south.

The three Precincts of Five Dock, Concord/Burwood North and North Strathfield are within close proximity (and overlap at Concord/Burwood North and North Strathfield) with the boundaries of Parramatta Road Corridor Urban Transformation Strategy (PRCUTS). The PRCUTS is a planning framework that seeks to revitalise the Parramatta Road corridor spanning from Granville in the west to Camperdown in the east through the introduction of new homes, jobs, transport, open spaces and public amenity once WestConnex and Sydney Metro West alleviates congestion within this area. The vision of the Precincts should align with the strategies outlined in the PRCUTS.

#### Key

Canada Bay Council

PRCUTS

Metropolitan Centre

Metropolitan Cluster

Light Rail

Place-based
Infrastructure Compact
(PIC) Area

Western City District Area

Strategic Centre

Metropolitan Cluster

Sydney Rail

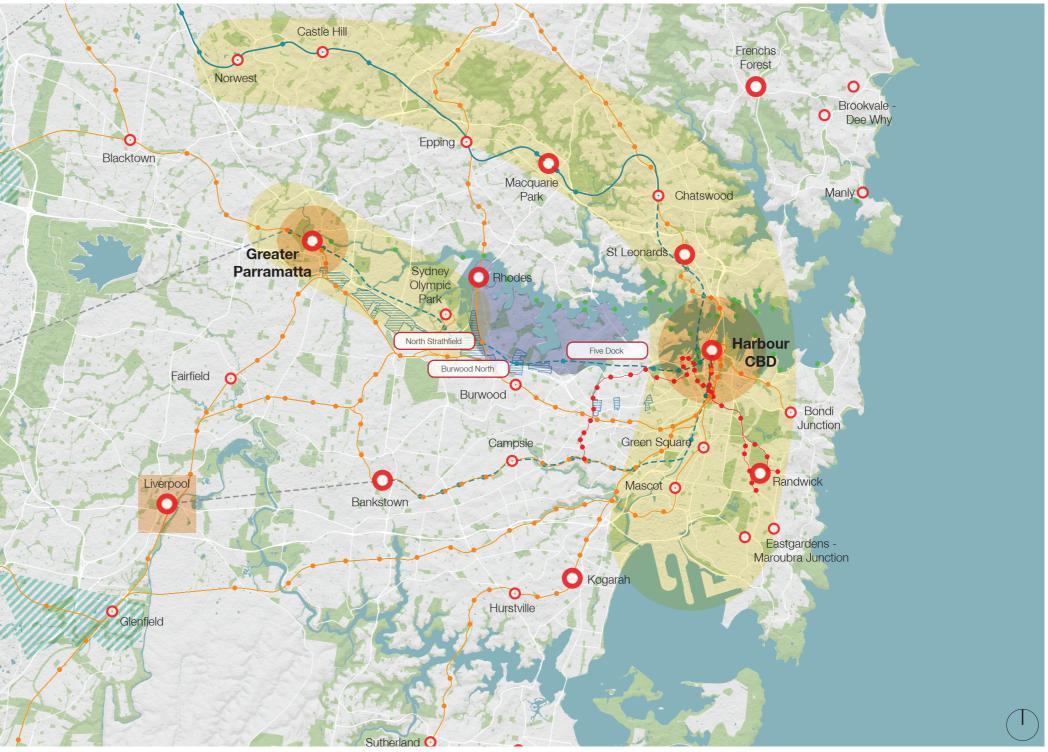
Sydney Trains

Sydney Metro

Future Sydney Metro

Health and Education

Precinct



Regional context and strategic plan

#### 2.2 Sydney Metro West

A key strategic driver in Greater Sydney Commission's **A Metropolis of Three Cities** is the Sydney Metro West, a metro system to provide fast and frequent connection between Greater Parramatta and the Harbour City.

In October 2019, the State Government announced eight new stations as part of the Sydney Metro West. Of them, three stations - North Strathfield, Concord/Burwood North and Five Dock - are located within the LGA. These eight stations will aim to service the 3.2 million people expected to live in Western Sydney by 2036, which is 50% of Sydney's population. More than 300,000 new jobs will be created in the Parramatta to Sydney corridor by 2036. with 420,000 people expected to move into the corridor.

The three proposed new metro station locations have been identified within the LGA with different roles:

- North Strathfield: A local centre New metro platforms would sit alongside the existing station and entry to the station would be from a new entrance on Queen Street to provide relief to the T9 Northern Line (formerly T1 line).
- Concord/Burwood North: A strategic centre The proposed Concord/Burwood North Station would be located at the corner of Burwood and Parramatta Roads, with entrances on both the north and south sides of Parramatta Road. Potential of an intermediary metro station in the vicinity of the intersection of Parramatta Road and Burwood Road.
- Five Dock: A local centre The proposed Five Dock Station would be located off Great North Road, between East Street and then at the corner of Second Avenue and Waterview Street. The station entrance would be located at the civic plaza, Fred Kelly Place. It is a place of origin and destination, with an opportunity to increase amenity densities and work opportunities.

The design of the Sydney Metro West will also include safeguards to allow for future extensions to the southeast of the Sydney CBD via Zetland, serving the Green Square Town Centre, and west beyond Westmead and potentially the Western Sydney Airport.

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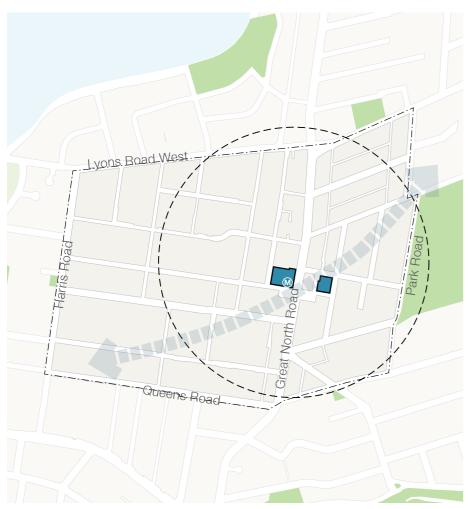


Investigation corridor for Sydney Metro West Source: NSW Government Sydney Metro 2018

### Acquisition boundaries and metro sites

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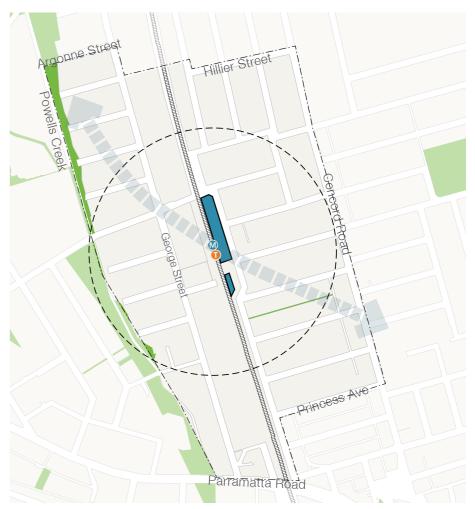
## Five Dock



#### Concord/Burwood North



#### North Strathfield



#### Key

Precinct boundary

400m catchment

Acquisition boundaries

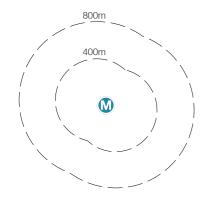
Indicative metro direction

#### 2.3 Overarching urban design principles

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The following overarching themes serve as guiding principles that inform the approach to each Precinct and aims to synthesise the main drivers identified in Stage 1.

#### 1. Support Transport Orientated Development (TOD)



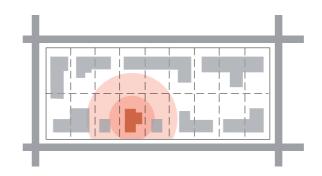
Density is focused towards the Metro station, reflecting the principles of Transit Oriented Development (TOD). Taller buildings are to be located within 150-200m of the station, and transition in height outwards.

#### 2. Street activation and strengthening of activity hubs



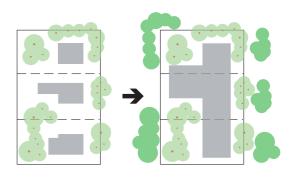
The height, bulk, activation and grain of development within each centre represents the commercial and civic role of the precinct.

#### Retention of character and reduce impacts of new development on heritage items and character areas



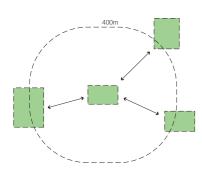
Heritage items and character areas are to be treated as special areas to be protected and maintained. Proposed developments are to ensure adequate transition, minimal overshadowing, and avoid unreasonable visual impact to these areas.

#### 4. Preservation and expansion of tree canopy



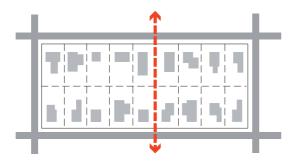
Increase the quantity of trees and the quality of the tree canopy. Measures must be taken to ensure that this is not lost when development takes place. Ensure trees are maintained within lots and that street trees are protected within streetscapes.

#### 5. Expand open space network and protect amenity



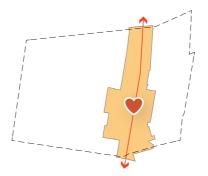
Find opportunities to provide additional open space in the Precincts as civic spaces and in areas where there is an under supply. Overshadowing to any key existing or proposed public open spaces is to be avoided.

#### 6. Improve accessibility



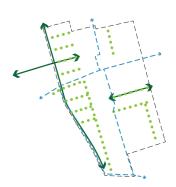
The porosity of the urban blocks can be refined to enable greater pedestrian movement throughout the Precincts. Encourage mid-block links where possible.

#### 7. Reinforcing the Precinct with a high street



The suitability of a proposed development should consider its relationship with the surrounding context and urban grain. Reinforce the high street with improved accessibility through appropriate frontage treatment, the provision of laneways and enhanced public domain.

#### 8. Active cycle links and green street networks



Provide opportunities for active transportation connections, linking to key destinations both within and surrounding the precinct. These connections should have appropriate shading, street planting and lane dedication for user safety and comfort.

## **Precincts**

The three precincts of North Strathfield. Concord/Burwood North, Five Dock are presented in this section.

Key challenges and opportunities that were identified in Stage 1 are represented to highlight key issues that the vision, principles and structure plan address.

This is followed by the urban design framework which is the distillation of the vision and principles into a single structure plan detailed by a series of framework plans that identify how the structure plan can be delineated.

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3.2 Challenges

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The key findings from the site analysis and distillation from the baseline review have been summarised into the following key points:

- 1. Significant areas with existing medium density, difficult to redevelop
- 2. Limited connectivity and way-finding to water
- 3. Precinct bounded by busy roads, especially Parramatta Road
- 4. Lack of open space provision within the area bounded by Lyons, Harris, Queens and Great North Roads
- 5. Identified problematic intersections
- 6. Existing development has an appropriate interface with heritage items and conservation areas
- 7. If unconstrained, there could be a bleeding of density towards Kings Bay Precinct which could blur the character of the two precincts.

### Key Precinct boundary Metro site 400m catchment High street Busy traffic road Major traffic road (barrier) Inaccessible foreshore Kings Bay PRCUTS boundary Existing medium density Education facility Character areas under investigation /// Heritage item Dangerous crossing Open space

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#### 3.3 Opportunities

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- Opportunities to strengthen links and way-finding to the Parramatta River and to existing open spaces and provide additional spaces with active transport and green links
- 2. Potential for additional new open spaces (of at least 0.3ha) within the area to the west of the precinct.
- 3. Areas within 400m of a significant Metro have the potential for density uplift
- 4. Opportunity to improve the gateway entry into Five Dock at the intersection between Queens Road and Great North Road.
- First Ave to be transformed into a 'calm street' bus only access to improve pedestrian amenity with priority for pedestrians and cyclists as envisioned by Five Dock Town Centre Urban Design Strategy.
- 6. Improve connectivity with through-site links, mid-block connections along long blocks and transformation of laneways into exciting and active public spaces.
- 7. Strengthen Great North Road high street character with mid-block permeability and pedestrian connectivity on high street
- 8. Facilitate pedestrian free movement and crossing along Great North Road maintaining parking and access on the laneways
- 9. Consolidate ground level carparking

Education facility

- 10. Improve the interface with Kings Bay precinct
- 11. Extend Fred Kelly Place and open space on the eastern side of Great North Road to define the civic focal point in the town centre to strengthen the 'heart' of Five Dock.

#### Key



Kings Bay PRUCTS

boundary



#### 3.4 Vision

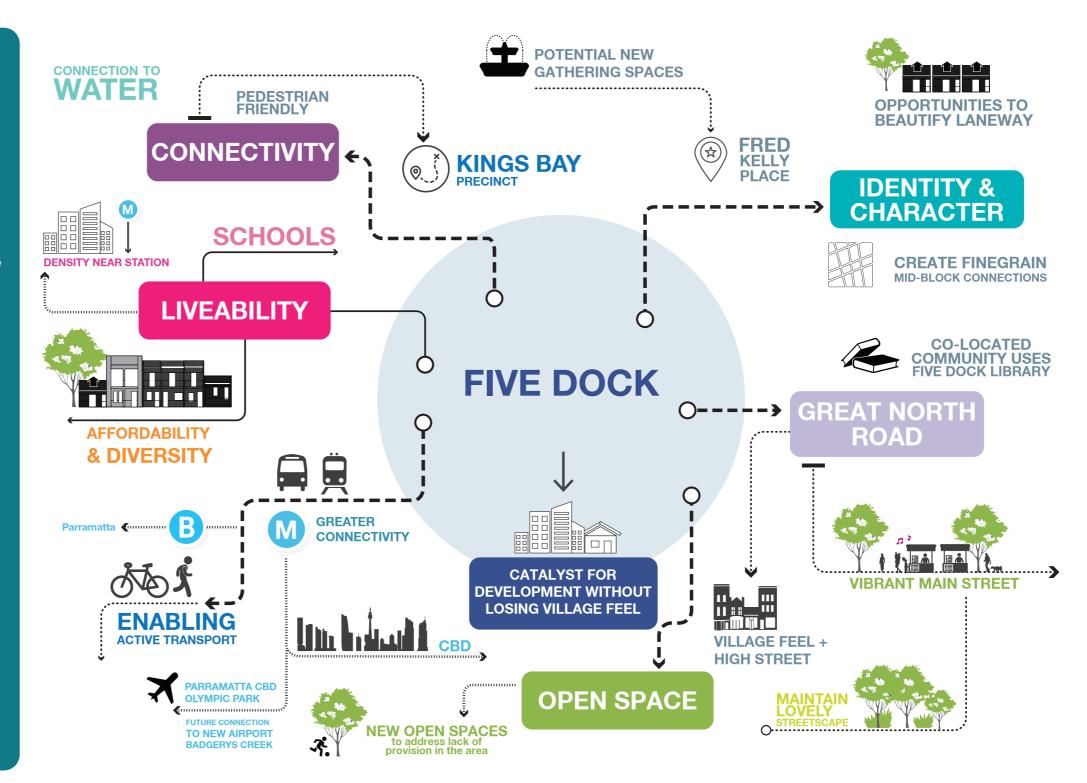
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Five Dock is an urban village that hums with culture and life. The community come together in their main street, Great North Road (GNR), and enjoy the amenity of their local parks and foreshore areas around at its margins.

Five Dock is known for its strong town centre that is based along GNR. It is vibrant and lively with fine-grain street level retail, social events, community facilities and an active public realm. GNR also hosts public events like the annual Italian Ferragosto Festival. New public plazas and open spaces along GNR will further strengthen Five Dock as a place with a strong sense of community and identity.

There are several public and private schools within walking distance to the new metro station. This brings with it a younger generation of commuters that activate the local area at key times of the day. Local elders in the community enjoy the amenity along the main street throughout the day and keep a close eye on the goings-on of their beloved Five Dock. Revitalisation of local streetscapes will continue to create spaces for people to linger and all ages to co-exist.

Future green spines will weave together the open spaces, the foreshore, GNR and local schools. These threads will be verdant spaces with broad tree canopy and lush garden beds at eye level. Even and wide pavements will encourage walkability and safe cycle paths will support greater uptake of active transport modes.



#### Vision objectives

The new metro station will support growth in both residential and employment opportunities within the precinct that builds upon fine-grain village vibrancy of the centre.

Five Dock is an established centre adjacent to the Kings Bay precinct (identified in the PRCUTS) and will provide complementary retail and housing opportunities that are distinct to the existing character of the area.

There are opportunities to improve Five Dock's connectivity to water with it's proximity to Parramatta River as well as surrounding open spaces. Five Dock will be strengthened as a truly connected, mixed use, fine-grain precinct. It will respond to its surrounding context and be defined by it's integrated yet unique character areas.

The following are a number of high-level objectives that have informed the vision for the future of Five Dock area. These objectives have been taken from the vision statement. The principles that underpin the delivery of the vision objectives are explored in detail over the following pages.



 Reinforce Great North Road as the retail spine and the heart of Five Dock. Strengthen high street character with mid-block permeability and pedestrian connectivity.



Provide a new open space of at least 0.3ha west of Great North Road to address the lack of facilities within this area. Potential to include high quality children's play within the park.



 A strong community heart: extend Fred Kelly Place as the focal civic centre to Five Dock. Activation of public spaces around the centre and near the metro station.



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 Opportunities to create a better pedestrian experience by introducing mid-block connections along long urban blocks at more frequent intervals.



 Maximise activation of the ground plane and create spaces for people to linger and gather throughout the day and into the evening, including more opportunities for on street dining.



 Create 'places for people' in the street network with wide footpaths and pedestrian zones within the town centre and other key locations, such as the identified green links.



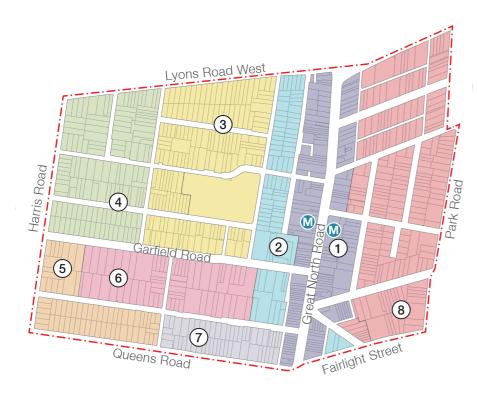
7. Encourage development that responds to its local context. Retain generous setbacks to developments to encourage growth of mature trees.



 Town Centre heights of max. 7 storeys with 4 storey street wall to maintain the village feel, with taller heights set back one block from the retail spine.

#### Summary desired sub-precinct character

Five Dock has been divided into eight (8) separate future local character subprecincts based on the feedback from the community and site analysis, as well as considerations for strategic drivers of change (such as the Town Centre Urban Design Study and a new Metro Station). This is a summary of the findings from the Local Character Statement:



Future local character sub-precincts in Five Dock

### 1

#### **Town Centre Core**

Great North Road will be the heart of the local area and maintain its village feel. Future development will complement the existing scale of the street, with heights between five (5) and seven (7) storeys and the levels above the existing street wall will be setback.



#### Transition precinct

Development will be between four (4) and seven (7) storeys and unlock pedestrian connectivity between the public school and the Metro station. High quality developments will activate the local streets with at grade terrace housing and local cafés that complement the residential nature of the area.



#### School and residential precinct

The school's heritage items are strengthened and showcased and future building projects should activate the street. Infill development around the school is encouraged with low-rise residential apartment buildings up to three (3) storeys will be permitted.



#### Low density residential (west)

This character sub-precinct will maintain a mixture of low density 1-2 storey residential detached dwellings. A new quality public open space would be beneficial in the precinct which is easily accessible and well connected.

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#### (5)

#### Kings Bay Interface

Strategic changes to the Kings Bay Precinct under the PRCUTS strategy with evolve the character of the local area. Interfacing streets will accommodate buildings up to four (4) storeys and provide transition away from this higher density area into a more suburban neighbourhood.

#### (6)

#### Medium density residential

This sub-precinct is unlikely to change significantly due to strata ownership and the challenge to redevelop with multiple owners. Any infill development of remaining standalone houses should be of a high quality.

#### (7)

#### Low density residential (south-west)

This character sub-precinct has some beautiful examples of federation style development, including two dwellings that are heritage listed. This sub-precinct will maintain it's existing character with minor improvements to the amenity with street trees and other public realm improvements.

### 8

#### Residential

This character sub-precinct would will maintain the character of the streetscape and include significant landscape setbacks from the street for any future infill development up to four (4) storeys. Mature trees should be maintained and further planting to improve the street canopy and walkability.

#### 3.5 Five Dock preferred structure plan

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The following are the key elements of the Structure Plan which syntheses the urban design frameworks for Five Dock:

#### Key elements

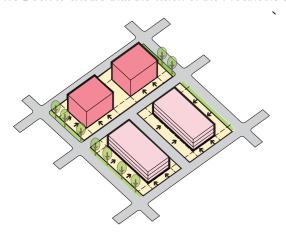
- Incorporate the strategic moves of the Five Dock Town Centre Urban Design Study.
- Additional residential density to be located one block behind the retail high street to protect the fine grain character along Great North Road.
- Medium density generally within 400m from the Metro 3. station.
- The remaining areas to remain low residential with 4. transition in height towards the periphery of the
- 5. Investigate opportunity for new open space on Garfield Street to address the lack of open space in the west of
- Green spine streets along Queen Road, Great

#### North Road, Garfield Street and Second Ave as key 0 Barnwell Golf connection routes. Five Dock Public School Key Metro site Proposed precinct boundary Education facility New pedestrian link Land acquisition for open Primary connections Street planting Pedestrian crossing Green spine Plaza Rosebank College Heritage items Solar controls for plaza 1-3 Storey residential Strengthen existing 4-5 Storey residential cycleway from on road to dedicated 4-7 Storey mixed use Active street frontage 400m catchment Upgrade intersection Metro acquisition boundary

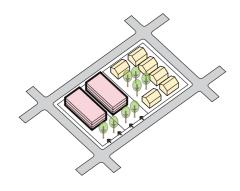
PARRAMATTA RIVER O Halliday Park Lyons Road W. O Five Dock Park Domremy College Fairlight St Timbrell Park Five Dock Structure Plan

#### 3.6 Five Dock - design recommendations

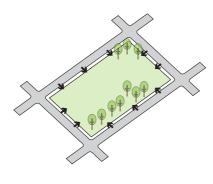
The following are the design recommendations specific for Five Dock to ensure that the vision of the Precinct is achieved:



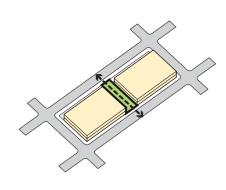
1. Provide landscape setback in residential zone of 5m and 8m along priority green streets.



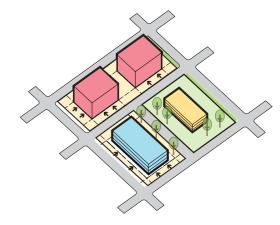
2. Preserve tree canopy within residential zone with deep soil provided to reduce urban heat.



3. New open space to have street frontages on all sides

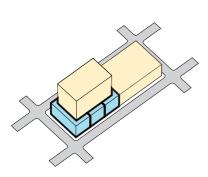


4. Prioritise through-site links and permeability on long urban blocks for improved connectivity.

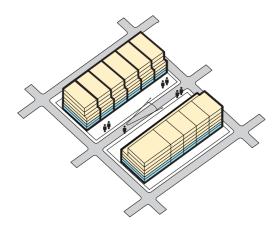


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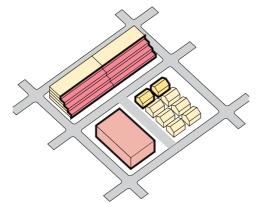
5. Sensitive development around Five Dock School with generous setbacks



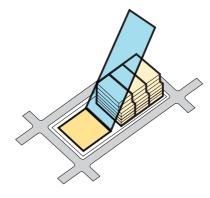
6. Respond to fine-grain of cadastral lots and create a distinctive streetscapes.



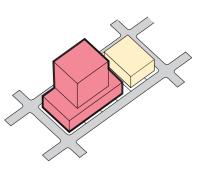
7. Shop top housing along Great North Road, maintaining fine grain with residential uses above. Activity focused on the streets as a place for community and people particularly on Great North Road.



8. Sensitive transition of scale and height to areas with no change/heritage items.



9. Protect solar amenity to existing and future open spaces, especially the upgraded Fred Kelly Place.



10. Amalgamation of lots for developments over 3 storeys with minimum lot sizes of 1,800m<sup>2</sup>.

#### 3.7 Five Dock potential built form massing

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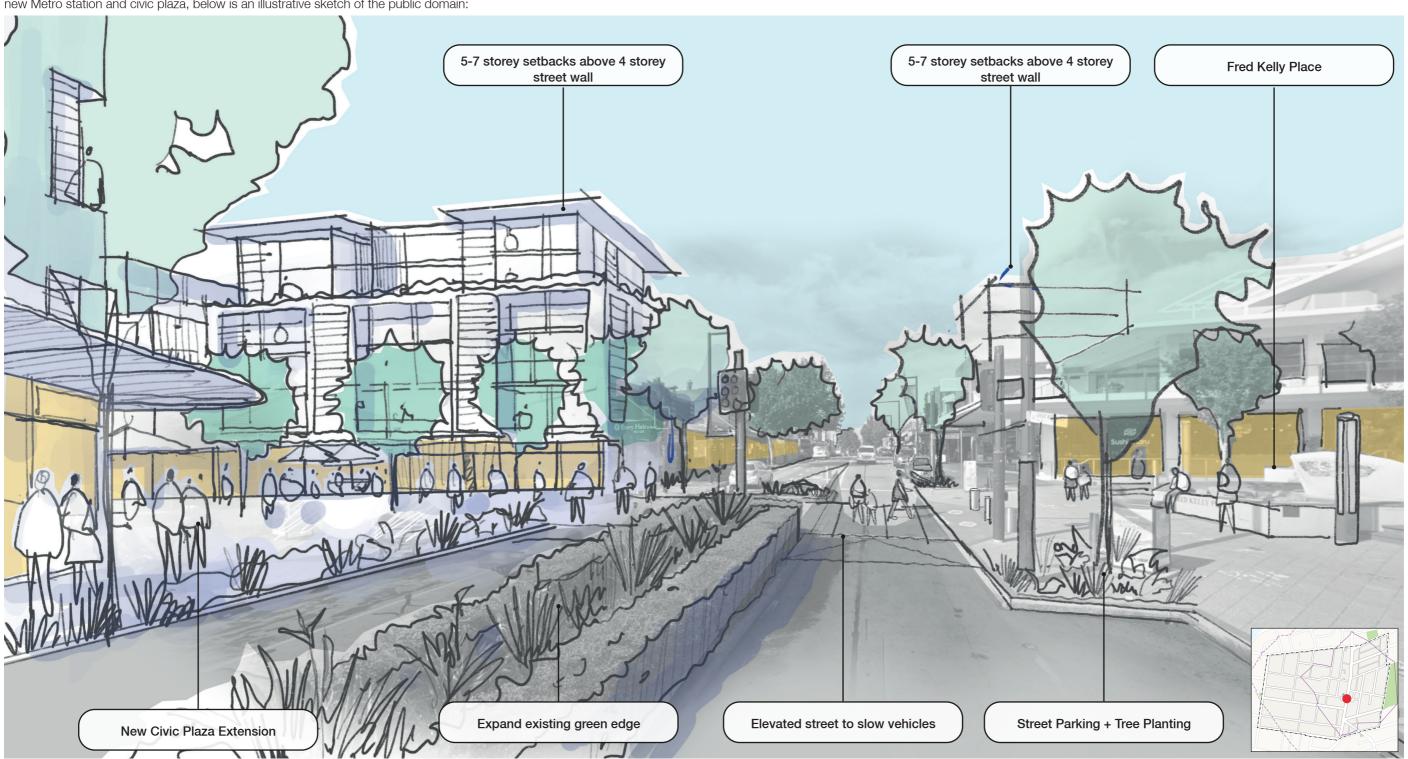
Built form testing of the Structure Plan ensures that the design recommendations are achievable and enables proposed future populations to be calculated:



#### Illustrative streetscape - Great North Road looking south

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The civic heart of Five Dock is the high street on Great North Road adjacent to the new Metro station and civic plaza, below is an illustrative sketch of the public domain:



#### 3.8 Open space, public domain and community framework plan

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#### Key moves

- CCB's Social Infrastructure (Open Space and Recreation) Strategy and Action Plan (CRED 2019) indicates 0.3ha open space is required for the Precinct west of Great North Road
- 2. Great North Road, Queens Road, Garfield Street and Second Avenue are green spine streets consistent with Sydney metropolitan Green Grid network
- Connect key open spaces with direct green cycle routes and pedestrian friendly streets to create a green network
- 4. Expand greening of Great North Road aligned with the Five Dock Town Centre Urban Design Study recommendations
- 5. New park between Lancelot and Garfield Street with opportunities to create the open space with street frontages an all edges and pedestrian connections to the civic plaza
- 6. Street planting along streets which have been identified with low tree canopy cover
- 7. Extension of the existing civic plaza (Fred Kelly Place) to the east aligned to Five Dock Town Centre Urban Design Study recommendations
- 8. Potential to use Five Dock Public School for weekend markets and public events.
- 9. Deilvery of new community facility, Five Dock will need 1,256m2 by 2036 of new multipurpose community centre as stated by the CCB's Social Infrastructure Community Strategy (CRED 2019)

#### Key

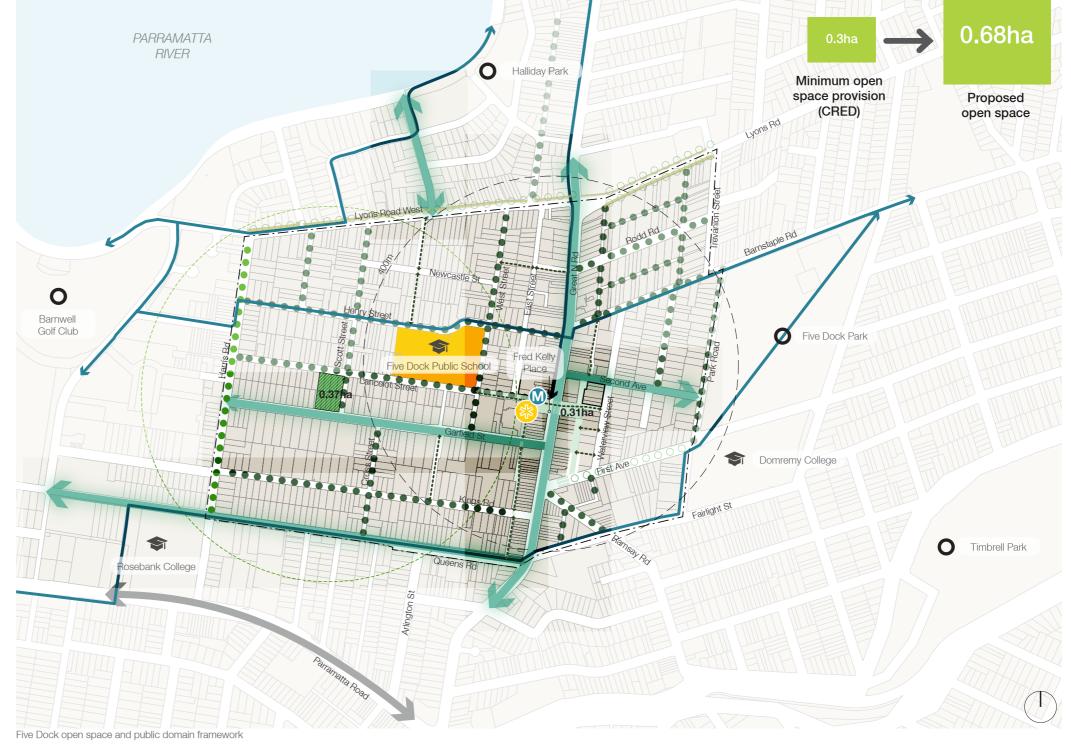
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canopy cover over

Civic space / plaza

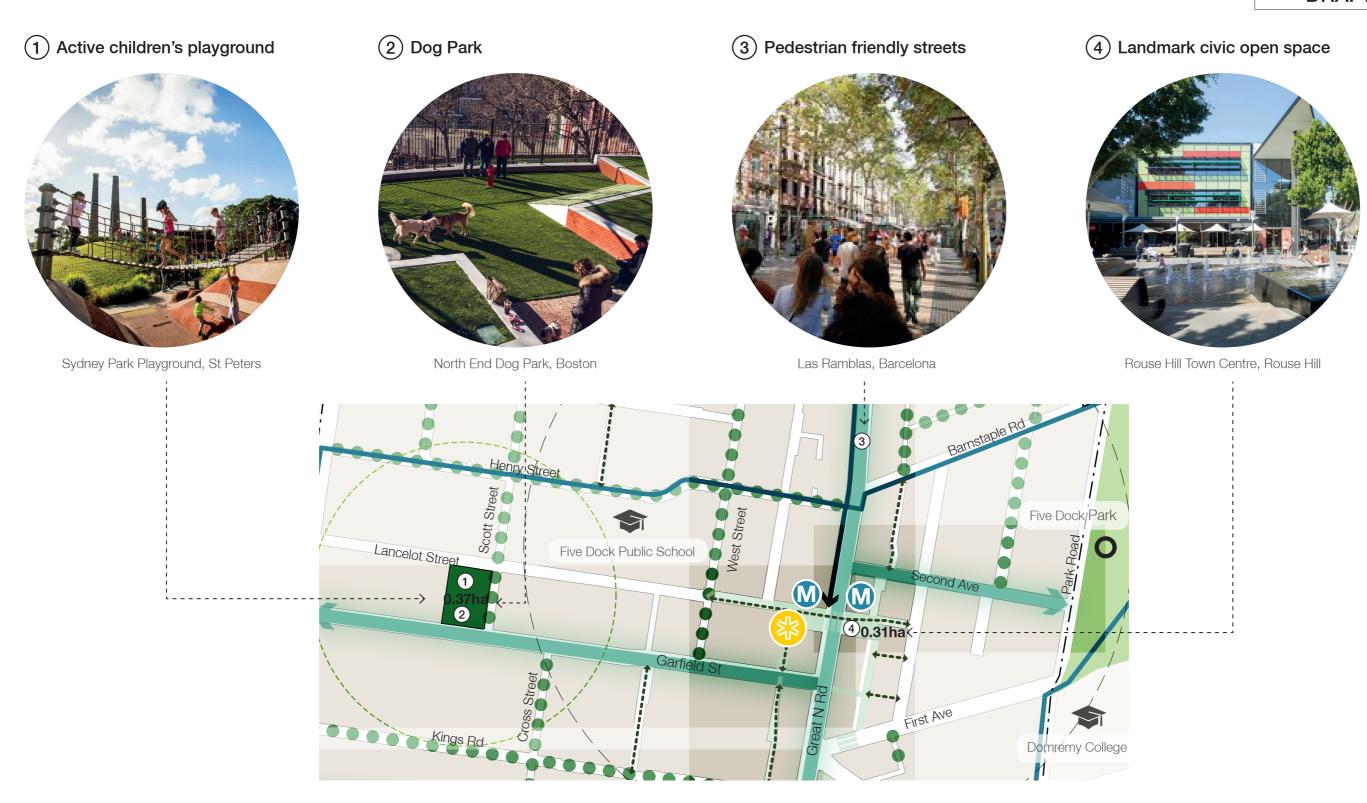


for multipurpose community center



#### Civic open space

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#### 3.9 Movement and access framework plan

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#### Key moves

- 1. Future Transport Strategy 2056 classification to be used to delineate different streets to perform different functions (see definitions on page 24)
- Great North Road to be developed as 'Vibrant street' this is pedestrian friendly and aligned with the Five Dock Town Centre Urban Design Study recommendations
- Improved crossing of Great North Road connecting the east and west portion of the Fred Kelly Place made by paving and elevated street to focus on pedestrian amenity
- 4. Main vehicular movement to be redirected along the periphery of the precinct (Harris Road and Lyons Road)
- All major and minor local roads intersections with Great N Road to be developed as 'Place for People'
- First Avenue as a calm street with a raised bus only or shared zone street to simplify the intersection and opportunity to create a new public open space, highlighting historic buildings and offering 'spill-out'
- Through-site links to provide safe fine grain pedestrian routes connecting residential areas to civic plaza, Metro station and retail street.
- New improved pedestrian crossing at the intersection of Rodd Road and Great North Road
- Establish fine grain pedestrian friendly lanes to connect 9. residential to civic plaza

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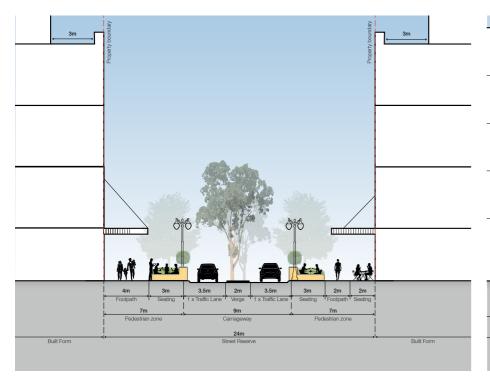






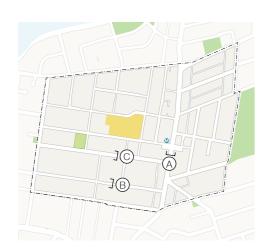
#### Priority streets - recommendations

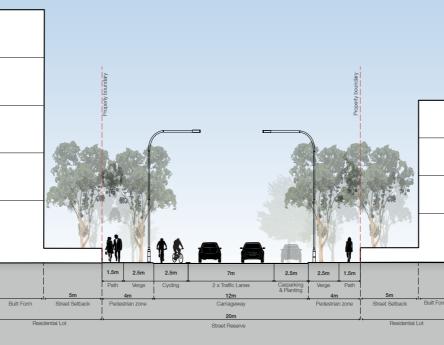






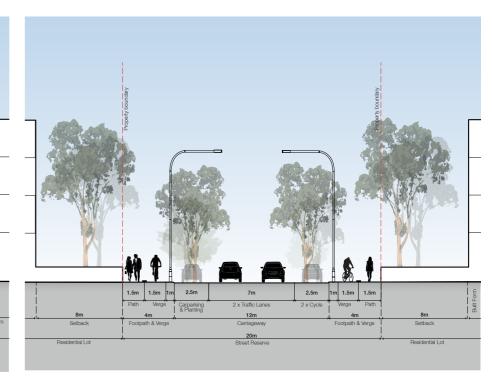
- Create a pedestrian environment by expanding footpath upgrades from Lyons Road West to Queens Road (through dedication and kerb alignment) to allow for outdoor dining/seating and deep soil planting for mature street trees. Expand calm street with paving treatment
- · New tree street planting in between parking bays to increase shading
- · Allow opportunities for easy pedestrian crossing along the street





#### B. Transition Street (Queens Street)

- Street to provide interface between the vision of the PRCUTS south of Queens Road and the medium scale development north of the street
- Add dedicated two-way cycle lane to southern side of the street and increase shading through street planting along the verge to improve pedestrian and cycling experience
- Upgrade on-street carparking on southern side to allow for pockets of deep soil planting in between parking bays



#### C. Green Street / Local Street (Garfield Street)

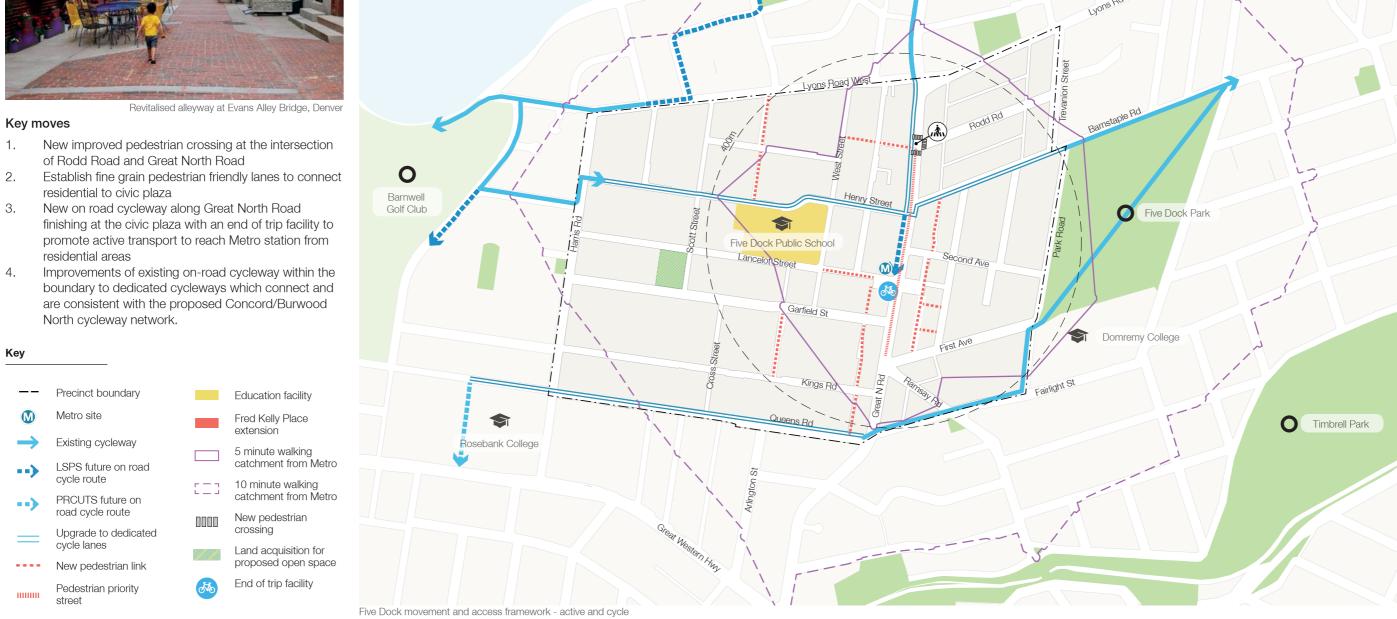
- Add dedicated two-way cycle lane to northern side of the street and increase shading through street planting along the verge to improve pedestrian and cycling experience
- Upgrade on-street carparking on southern side to allow for pockets of deep soil planting in between parking bays
- · Generous street setbacks for deep soil planting on private lots

#### Active and cycle framework plan





- 2.
- are consistent with the proposed Concord/Burwood



Halliday Park

PARRAMATTA RIVER

#### 3.10 Land use and activity framework plan

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#### Key moves

- Upgrade and extension of Fred Kelly Place as an important civic plaza for the Town Centre
- Activity hubs focused around the existing civic plaza and new extension where the Metro station is proposed
- More activity opportunities to extend along Great North Road from Lyons Road and Queens Road
- Passive recreation activities could be located along the laneways where a more calm environment is created by the reduced vehicular movement. Opportunities for laneway activation and public activities (such as popup events).

# PARRAMATTA RIVER O Halliday Park 0 Barnwell Golf Club O Five Dock Park Five Dock Public School O Timbrell Park Rosebank College

Key

Precinct boundary



Metro site Mixed use



Residential density



transition Active street



Active frontage Secondary frontage



activation Heritage

New open space

Sydney Metro West Planning Study 28 SJB

Five Dock land use and activity framework

Key moves

#### 3.11 Built form and heritage framework plan

- 1. Built form to provide transition from low scale, low density residential toward the higher densities along Great North Road
- Heights concentrated along Great North Read with up to 7 storeys mixed use developments. Heights transitioning down to 4 to 5 storey residential apartment buildings and 1 to 3 terrace houses and dual occupancy typologies
- Interface between mixed use and residential densities to be approached through the provision of lanes and through site links.

## PARRAMATTA RIVER O Halliday Park Lyons Road West 0 Barnwell Golf Five Dock Park Five Dock Public School Lancelot Street Garfield St Domremy College Kings Rd Timbrell Park Rosebank College

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#### Key

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Precinct boundary

Mixed use

Residential density transition

Residential and mixed use interface

Heritage

Open space

New pedestrian link

Five Dock built form, heritage and development framework

#### **Building heights**

# PARRAMATTA RIVER O Halliday Park 0 O Five Dock Park 0 Timbrell Park

Five Dock recommended building heights

#### Key

Precinct boundary



1-3 storeys



5-7 storeys

#### Key moves

- Heights reflecting Five Dock Town Centre Urban Design Study recommendations with maximum heights of 6-7 storeys with 4 storey street walls along Great North Road
- 4 to 5 storey height for residential development for areas east and west of
- 1 to 3 storeys for the blocks bounded by Scott Street, Cross Street, Lyons Road, Queens Road, Fairlight Street and Trevanion Street as a transition area to surrounding existing low density areas.

#### Setbacks

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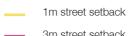
Five Dock recommended setbacks

#### Key

Precinct boundary Metro site



No street setback



3m street setback

5m street setback



8m street setback

#### Key moves

- Setbacks to respond to and reflect the structure plan and built form typology and building heights as well as the Five Dock Town Centre study recommendations
- Om setback along Great North Road block to encourage street activation along the high street
- Green spine streets delivered through 8m street setback to promote increased tree canopy and landscaped interfaces with the street
- 4. 5m setback along areas earmarked for residential redevelopment
- 3m setback along laneways one block from Great North Road to allow for 5. pedestrian connectivity
- 1m setback along all existing laneways
- Retain existing setback controls for areas unchanged.

# **Concord/Burwood North**

4

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4.1 Challenges

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The key findings from site analysis and distillation from the baseline review have been summarised into the following key points:

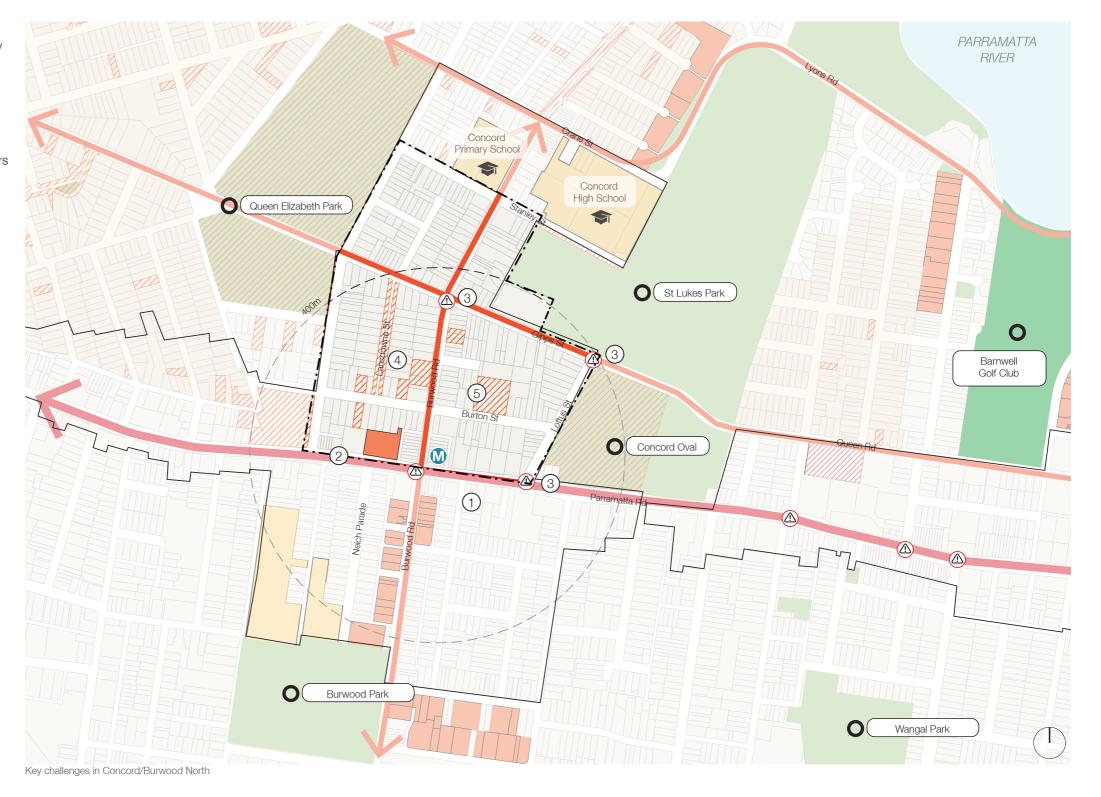
- 1. The vision identified in PRCUTS needs to be implemented into the structure plan however it is split across two LGAs Canada Bay and Burwood and could limit cohesive delivery of the vision
- 2. Precinct is bounded between major road traffic barriers in particular Parramatta Road acts a north-south barrier especially with active transport and pedestrian connectivity.
- 3. Identified problematic intersections

Key

SJB

4. Existing new developments have poor interface with heritage items and conservation areas.

#### Precinct boundary 400m catchment PRCUTS boundary Busy traffic road Major traffic road (barrier) Dead-end road Pedestrian paths Character areas under investigation Existing medium density Education facility /// Heritage item Dangerous crossing Open space Golf course



#### **Concord/Burwood North**

#### 4.2 Opportunities

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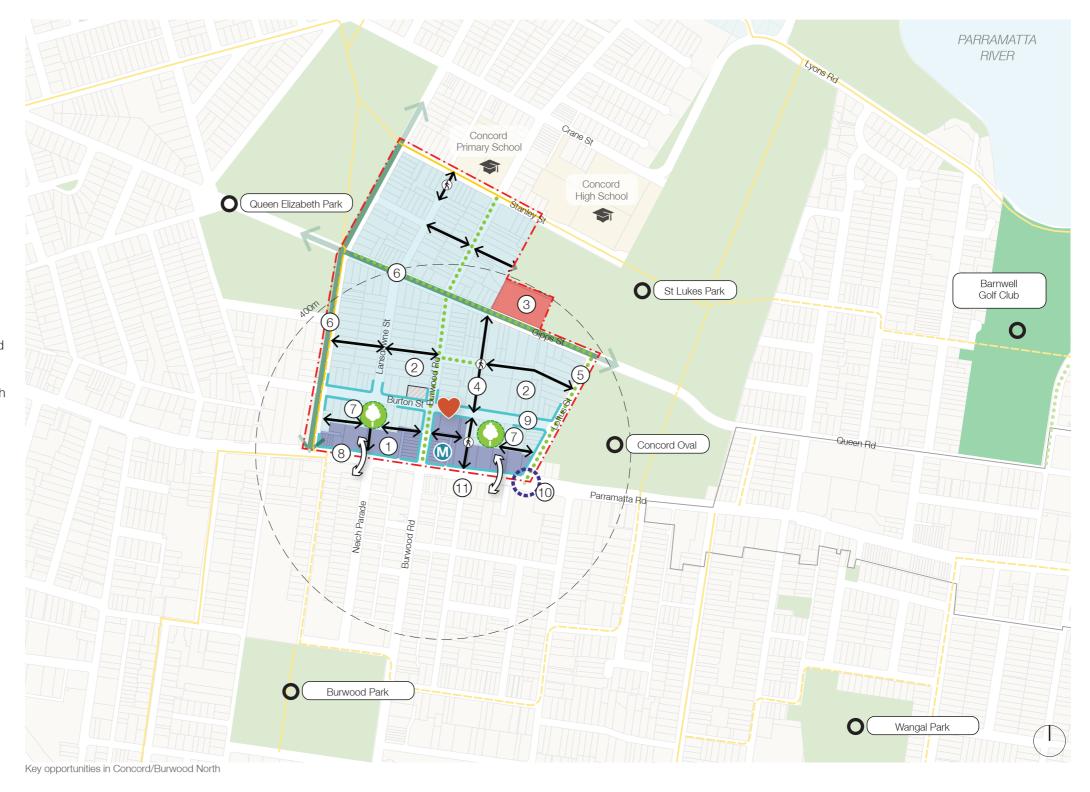
- 1. Opportunity for increased mixed use whilst still retaining enterprise corridor uses on the ground level.
- 2. Areas within 400m of a significant Metro have the potential for density uplift.
- 3. Upgrade and co-located community infrastructure and facilities adjacent to St Lukes Park and with connections to the new Metro to help activate the precinct.
- 4. Creating new laneways and through-site links to improve the permeability of long blocks
- 5. Upgrade streets with tree planting, better pedestrian crossings and calming of traffic area areas of high pedestrian volume.
- 6. Opportunity for Gipps Street and Broughton Street to become green spines connecting to open space
- 7. Potential for additional new pocket parks/plazas.
- 8. Clear vision on how developments interface with Parramatta Road.
- 9. Burton Street upgraded to local centre with active street frontage.
- 10. Improve gateway entry into precinct at Burwood Road and to provide an additional pedestrian crossing.
- 11. Improve pedestrian crossing across Parramatta Road to strengthen the significant transport interchange with Burwood Station (located 1.5km south)

#### Key

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Education facility



#### 4.3 Vision

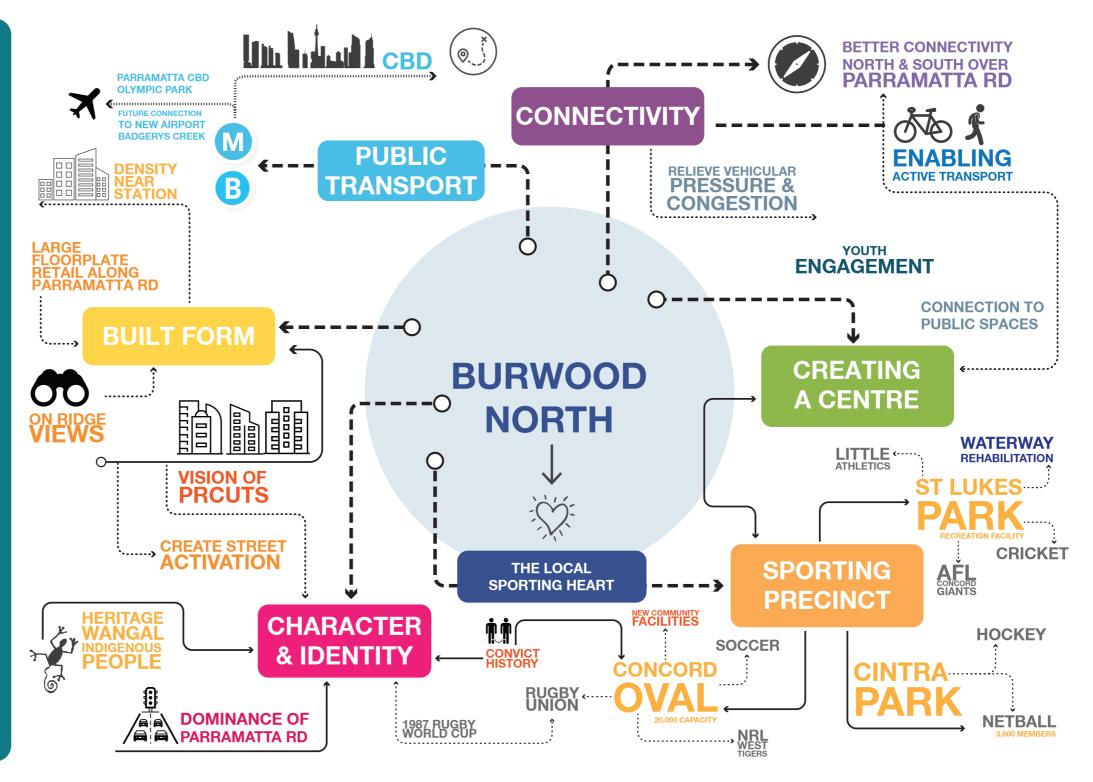
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Concord/Burwood North is a precinct located within the suburb of Concord and is strategically positioned to support Burwood town centre to the south and the predominantly residential population to the north.

The precinct will be an attractive destination with high quality buildings, retail opportunities, community facilities and public spaces that serve the wider community who use the Metro Station. The local area has access to many significant amenities such as local community facilities, schools and the abundance of public open space.

Concord/Burwood North will be a vibrant mixed use centre with height focused along Parramatta Road, transitioning to the low density residential areas to the north. The built form will be sensitive to it's context, with an appropriate interface to the noise and pollution created by Parramatta Road. Pocket parks, activated through site links and a station plaza will be screened from the main road and the amenity of the local streets will be protected by the built form and trees.

Burton Street, Burwood Road and the laneways that intersect them will be 'places for people.' The community will be able to enjoy the intimate scale of a retail street with on street dining and graband-go opportunities for future commuters.



#### **Concord/Burwood North**

#### Vision objectives

Concord/Burwood North is known as the 'Parklands Suburb' of the Inner West, and offers a unique opportunity to be the local sporting and physical health precinct for the LGA. Reinforced by the new metro, Concord/Burwood North can offer a supporting role to Sydney Olympic Park's facilities by hosting a variety of sporting events, building upon the existing amenities provided in the area and reinforced as a centre with connectivity to the greater Sydney metropolitan area.

The PRCUTS incorporates Concord/Burwood North within the Burwood-Concord Precinct and identifies transformation areas to create a significant transport interchange with Burwood Rail Station (approximately 1.5km south) and improving active transport connections to regional recreation and open space facilities, reinforcing the vision of an active and vibrant sporting precinct.

Not only will Concord/Burwood North precinct continue to service the area with regional sporting facilities and attract exciting and new sporting events, other significant employment opportunities such as sports and health related services (such as Concord Private Hospital and Orthosports Physiotherapy and Sports Injuries Centre) will also be enhanced and expanded. This precinct provides the opportunity to locate a range of housing typologies within close proximity to the significant recreational amenities.

The following are a number of high-level objectives that have informed the vision for the future of Concord/Burwood North area. These objectives have been taken from the vision statement. The principles that underpin the delivery of the vision objectives are explored in detail over the following pages.



Ensure public domain around public transport facilities are attractive, pedestrian friendly and offer a convenient transfer between different modes of transport and better pedestrian connections.



 Create 'places for people' ensuring retail along Parramatta Road is suitable with its location and purpose with finer grain retail and food offering along Burton Street.



 Breakdown pedestrian barriers created by Parramatta Road, allow for more opportunities to safely cross the arterial road towards Burwood Town Centre without further congestion.



 Maximise activation of the ground plane. Support greater development intensity and a broader mix of land uses within close proximity to the station and areas of high pedestrian footfall.



3. Upgrade Concord Oval as a truly vibrant community hub with co-location of uses and facilities to revitalise key nodes and create hubs of activity with good connections to key open spaces/facilities.



7. Increase the variety of housing and building types on offer by encouraging more low-rise, and medium density urban typologies. Development should respond to queues from the natural environment.



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4. Allow for shared zones and break out spaces around transport infrastructure.
Create spill out spaces for events which are activated and pedestrian friendly.



 Increase building heights around the Metro site to improve legibility and create a landmark/gateway presence to the precinct. Towers should be of appropriate scale to the area with good street interface and setbacks.

#### **Concord/Burwood North**

#### Summary desired sub-precinct character

Concord/Burwood North has been divided into six (6) separate local character sub-precincts based on the feedback from the community, the varied urban form that observed on site, and alignment with strategic changes in the local area. This is a snapshot taken from the local character statement.



Character Precincts in Concord/Burwood North

#### (1) Parramatta direct interface

The Parramatta Road sub-precinct will be transformed from the one to two storey shop top housing with commercial/retail uses into a high density mixed use precinct. The pedestrian amenity along the street will be improved with design and interface strategies to mitigate the heavy vehicular traffic and congestion of Parramatta Road. New spaces for passive recreation will be made available on the northern edge of the core, shielded from the noise of the main road. Streets and lane-ways will be activated by retail and the integrated transport hub will add to the destination-al nature of this precinct. The future of this area will be consistent with the vision of the PRCUTS and to improve the public domain and streetscaping.

#### Infill area residential (south of Gipps Street)

Infill development should maintain the exist character and in particular the heritage trees on Landsdowne Street. More broadly, the heritage items throughout the area will be protected and augmented through public realm upgrades, including tree planting, upgrades to verges to protect existing trees and new cycle paths. This space will operate as a transition buffer from higher densities focussed along Parramatta Road to low density residential in the northern part of the study area and broader Concord. Development of new buildings up to five (5) storeys will be mindful of the existing condition, with change evolving in a manner that continues to complement the existing conditions.

#### Community, sport and medical sub-precinct

The community, sport and medical hub will become a focal point in the neighbourhood. Public realm upgrades and a purpose built facilities will make this a desirable space for council to run their local services and community events to occur. Co-locating a medical centre or allied health services, sports and recreation facilities, a community centre and a playspace for children or daycare within a single block will provide convenience for local residents and a small employment centre. Proximity to local public schools is also a clear opportunity to provide resources targeted at young people and families. Reducing at grade car parking and improved landscape qualities will also improve the amenity of this character area.

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Infill development that is sensitive to the surrounding built form will continue to diversify housing options in Concord/Burwood North. Building heights will range from 12-24 storeys with the he future of this area to be consistent with the vision of the PRCUTS. Interfaces with streets and public spaces will add to the vibrancy of the local area with activation and passive surveillance from local residential dwellings and ground floor retail. The proximity to the station will make this a great space for urban commuters to live with public transport options, diverse housing choices and the amenity of local parks right at hand.

#### Low density residential (north of Gipps Street)

High density residential and plazas

This sub-precinct will accommodate up to three (3) storeys in a manner that us complementary to the existing dwelling typology of 1-2 storeys stand alone dwellings. There are key opportunities to enhance heritage items with the low density infill development that is of a sensitive scale to the surrounding context and improve the streetscape. Tree planting and cycle paths will add to the amenity of the local area.

Stanley Street interfaces with the local primary school and should be a particular focus for upgrades, including improvements to road crossing, street trees, bench seats and bicycle lanes.

#### St Luke's Anglican Church sub-precinct

This local character sub-precinct is a residential neighbourhood anchored by St Luke's Anglican Church, which is a mix of Gothic/Romanesque style church built in 1861. The heritage nature of the building should be maintained, while opportunities to enhance the environs with better public interface through improved streetscaping should be encouraged.

Medium density development will be permitted ranging from five (5) storeys up to twelve (12) with building to boundary and active frontages encouraged on the southern edge (Burton Street).

#### 4.4 Concord/Burwood North preferred structure plan

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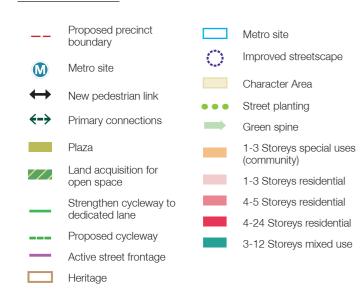
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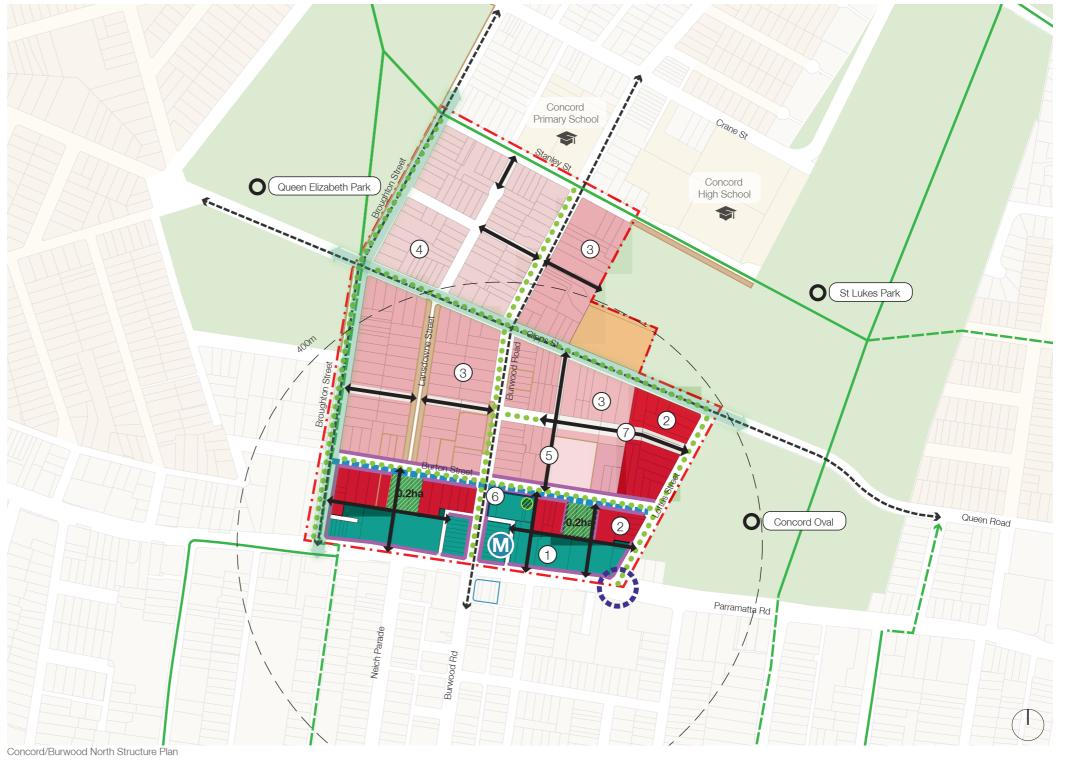
The following are the key elements of the Structure Plan which synthesizes the urban design frameworks for Concord/Burwood North:

#### Key elements

- Incorporate the strategic moves of the PRCUTS along
   Parramatta Road. Strengthen the local centre with
   mixed use development along Parramatta Road
- 2. High residential density within 200m of the station and along the park edge
- 3. Low rise residential density concentration along Broughton and Gipps Streets within 400m from the Metro Station and to frame St Lukes Park
- 4. The remaining areas to remain a three storey residential area and transition in height towards Queen Elizabeth Park, the periphery of the Precinct and the earmarked Character Area in the Local Housing Strategy
- 5. Provide new streets for better connections from the station to the upgraded community precinct and St Lukes Park
- 6. Provide an open space/plaza within the Metro development
- 7. Unlock permeability throughout the Precinct with key new connections.

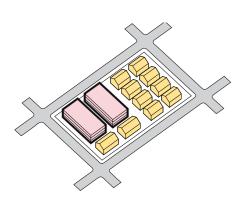
#### Key



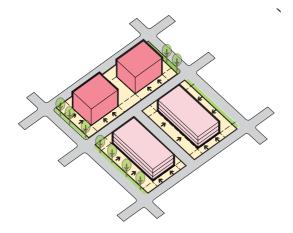


#### 4.5 Concord/Burwood North - Design recommendations

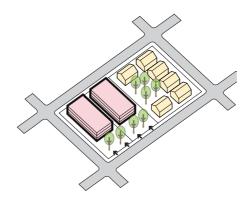
The following are the design recommendations specific for Concord/Burwood North to ensure that the vision of the Precinct is achieved:



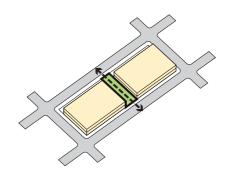
1. Ensure sensitive interface with heritage item is provided through setbacks and height transition.



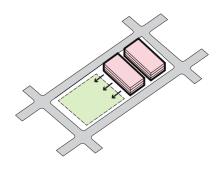
2. Provide landscape setback in residential zone of 3m and 8m along priority green streets.



3. Preserve tree canopy within residential zone with deep soil provided to reduce urban heat.

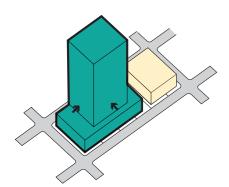


4. Prioritise through-site links and permeability on long urban blocks for improved connectivity.

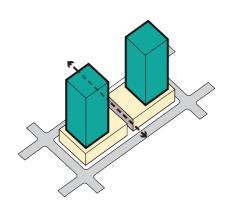


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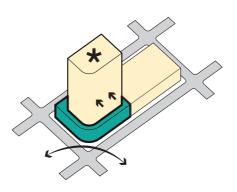
5. Passive surveillance to St Luke's Park.
Opportunity to remove back fences and provide laneway to provide street frontage to park.



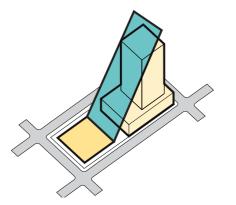
Amalgamation of lots for developments over 3 storeys with minimum lot sizes of 1,800m². Minimum lot size of 1,800m² with podium setback above 4 storeys to provide a continuous street wall and reduce scale from street level.



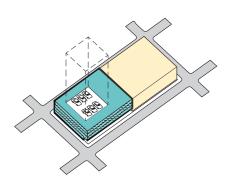
Building separation between towers to be ADG compliant at a minimum.



Prioritise height at key intersections and nodes as gateway sites.



Protect solar amenity to existing and future open spaces and plazas.



Parking preferably underground, where not possible, above ground carparking should be sleeved with active uses or green walls.

#### 4.6 Concord/Burwood North potential built form massing

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Built form testing of the Structure Plan ensures that the design recommendations are achievable and enables proposed future populations to be calculated:



#### Illustrative streetscape - Burwood Road looking south

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Burwood Road is a key vibrant street which connects north to Parramatta River and south to Burwood Town Centre, it is also adjacent to the new Metro station, below is an illustrative sketch of the public domain:



#### 4.8 Open space, public domain and community framework plan

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0.4ha

Proposed

open space

Queen Road

Minimum open

space provision

(CRED)

O Concord Oval

O St Lukes Park

Concord

High School

#### Key moves

- 1. CCB's Social Infrastructure (Open Space and Recreation) Strategy and Action Plan (CRED 2019) indicates that there is a sufficient provision of open space within this Precinct.
- Gipps and Broughton Streets green spine streets consistent with the vision of the metropolitan Sydney Green Grid network
- 3. Connection of the key open spaces of Queen Elizabeth Park and St Lukes Park along Gipps Street through improved pedestrian and cycle experience
- 4. Vision of the PRCUTS along Parramatta Road reducing the dominance of vehicular traffic to a multi-modal street with an integrated bus rapid lane and clear access and connections to the Metro station
- 5. Improve pedestrian and cycle mobility north to south especially crossing Parramatta Road. This includes street level intersections, pedestrian bridges and underground connections through the Metro station. These links should connect with the broader regional cycle network and green streets



SJB Sydney Metro West Planning Study

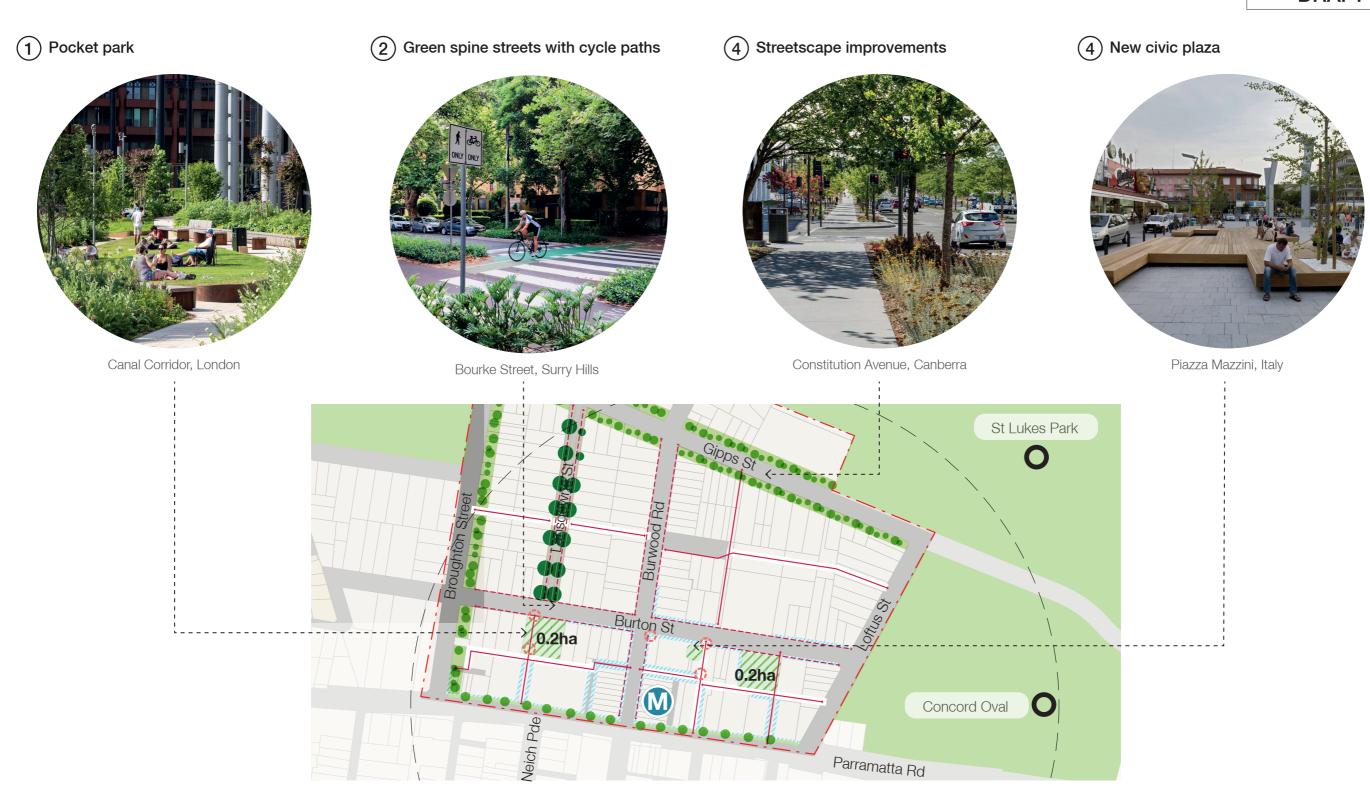
Queen Elizabeth Park

Concord

Primary School

#### Civic open space

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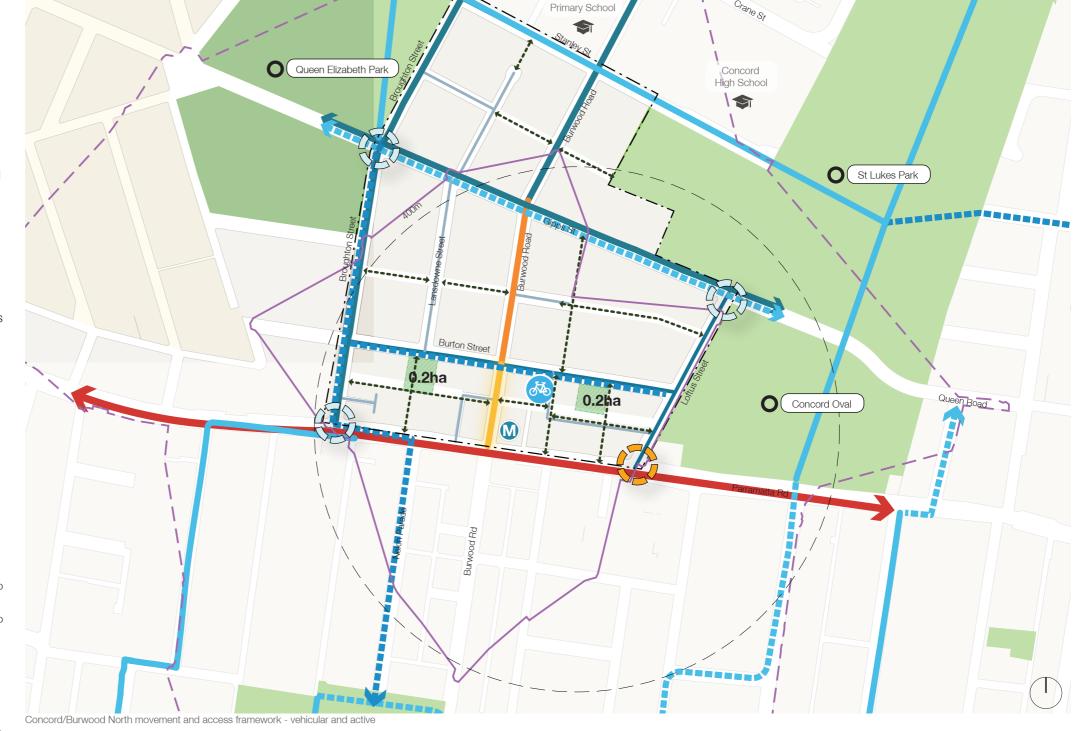
#### 4.9 Movement and access framework plan

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43

#### Key moves

- 1. Future Transport Strategy 2056 classification to be used to delineate different streets to perform different functions. Promote clear types of functions and street hierarchy to prioritise each street type (see definitions on page 24)
- Main vehicular movements focused on the periphery along Parramatta Road and Broughton Street. This allows for local movements within the precinct.
- Improve pedestrian connections from metro to Concord Primary and High School with streetscape upgrades and footpath widening
- Integration of the PRCUTS vision to provide bus rapid transport lanes along Parramatta Road to further promote public transport movement with servicing laneways away from pedestrian focused streets.
- Promote Burwood Road as vibrant street thus redirecting vehicular movement along Broughton Street to allow for activation and pedestrian friendly environment.
- 6. Mid-block through site links to break down urban blocks, promote porosity, connectivity and safe routes for pedestrians.
- Opportunities to increase pedestrian and cycle accessibility and safety through streetscape improvements along Parramatta Road.
- Connect open spaces through a green spine and 8. cycleway network along Gipps Street.
- 9. Provide on road cycle way along Burton Street up to the civic plaza with a end of trip facility to promote active transport to the Metro station.
- 10. Provide new lane access for commercial uses. Key



Concord

Precinct boundary

Metro site

Movement corridor

Vibrant street

Place for people

Local street (major)

Local street (minor)

Existing cycleway

LSPS future on road cycle route

PRCUTS future on road cycle route

5 minute walking catchment from Metro

10 minute walking catchment from Metro

Crossing to be improved



Gateway crossing



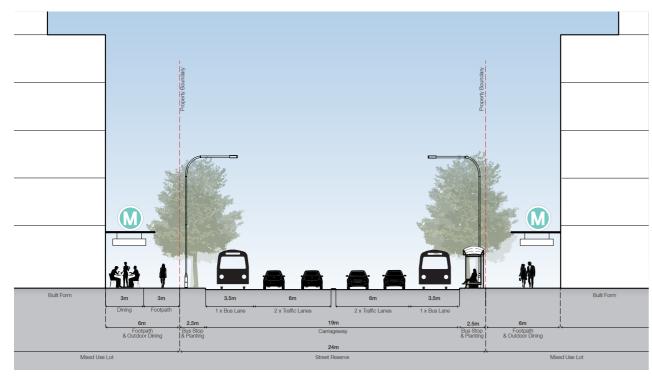
Land acquisition for proposed open space



End of trip facility

#### Priority streets - recommendations

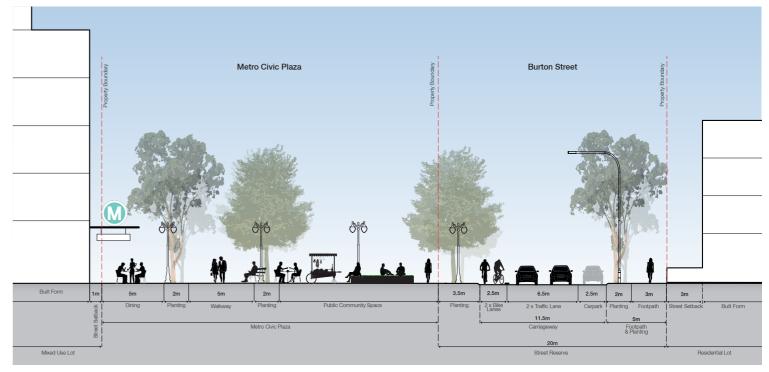




#### A. Movement Corridor (Parramatta Road)

- · Align with the vision of PRCUTS, converting one lane into a bus rapid transit lane with weather protection bus shelters
- · Expand footpath through setback controls for potential outdoor dining
- · Generous street setbacks to allow deep soil planting to achieve optimum tree outcomes





#### Places for People (Burton Street & Neichs Lane)

- Realign Neichs Lane to allow seamless transition into the Metro Civic Plaza from the Metro Entry and increase outdoor dining and planting
- · Creation of Metro Civic Plaza as a community space, potential for seating, popup markets and outdoor cinema etc.
- Add dedicated two-way cycle lane to southern side of Burton Street and increase shading through street planting

#### 4.10 Land use and activity framework plan

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#### Key moves

- Street activation through ground level fine grain retail and non-residential uses focused along areas where higher levels of pedestrian traffic is anticipated around the mixed use areas between Parramatta Road and Burton Street
- 2. Improved connections of Burwood Road south and north of Parramatta Road as a continuous retail spine, strengthening this street as a vibrant corridor
- 3. Active frontage and retail to face Parramatta Road and into the civic plaza, service laneway to remove servicing off Parramatta Road. Opportunity to realign laneway not to conflict with the seemless connection of the new civic plaza and Metro station entrance.

## Concord Primary School Queen Elizabeth Park Concord High School St Lukes Park Queen Road Concord Oval Parramatta Rd Burwood Park Concord/Burwood North land use and activity framework

Key

Precinct boundary



Metro site



Mixed use
High density residential



Residential density transition



Active street



Active frontage



New open space



Heritage item

Sydney Metro West Planning Study

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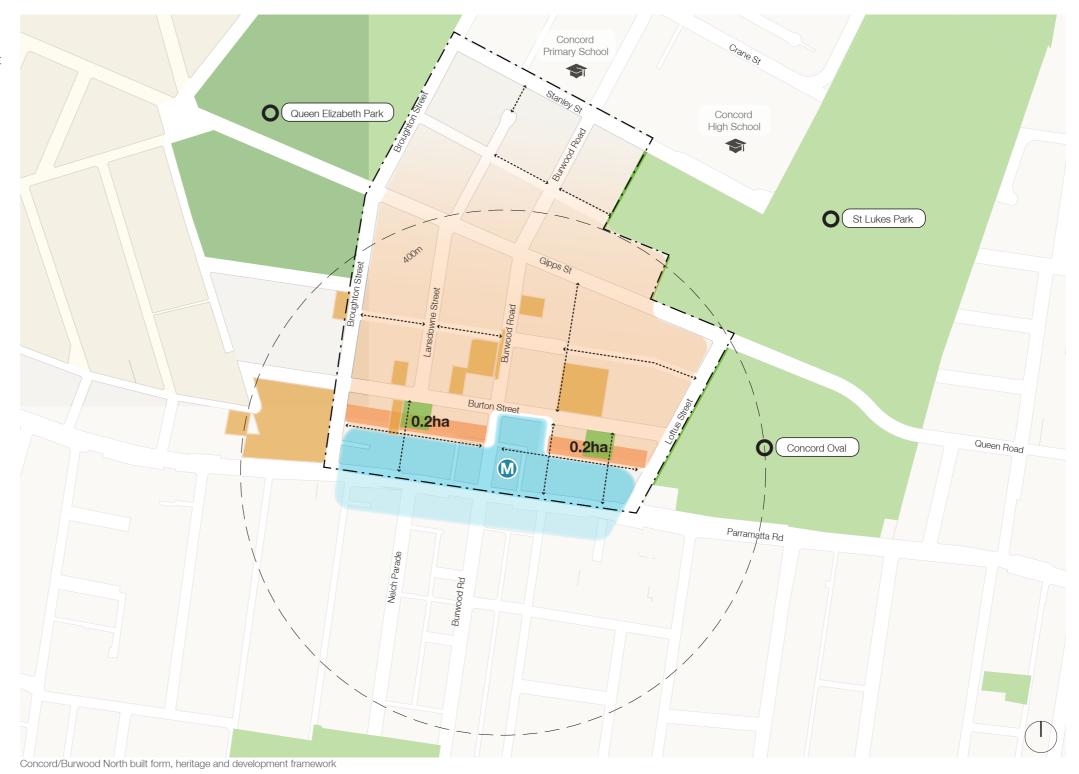
#### 4.11 Built form and heritage framework plan

#### **DRAFT**

46

#### Key moves

- 1. Built form transition from low scale, low density residential north of Stanley Street to taller development along Parramatta Road in line with the PRCUTS vision of heights up to 24 storeys.
- 2. Built form to face new pocket parks and civic plazas to create active frontages and provide passive surveillance
- Ensure that solar amenity is maintained to proposed and existing public domain
- Residential developments from Stanley Street to Burton Street. Mixed use along Parramatta Road with commercial uses in the podium and residential above
- Lot amalgamation with a minimum 1,800m<sup>2</sup> size to facilitate larger developments and height to ensure proper deep soil planting and improved public domain interface.



Key

Precinct boundary

Residential and mixed use interface

Heritage

Sydney Metro West Planning Study

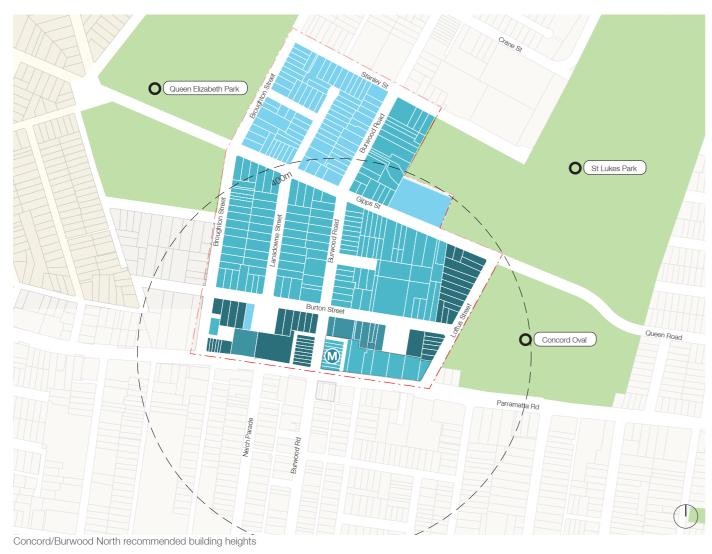
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Mixed use Residential density transition

Open space

New pedestrian link

#### **Building heights** Setbacks **DRAFT**



#### Key Key moves

1-3 storeys

4-5 storeys

6-11 storeys

12+ storeys

SJB

- Heights reflecting PRCUTS recommendations with maximum heights of 42m Precinct boundary (13 storeys) for the blocks between Burton Street and Parramatta Road. Metro site
  - Heights of 38m (12 storeys) for the block along Loftus Street and overlooking Concord Oval and creating an edge to the precinct
  - 4-5 storey height for residential development for all blocks between Burton Street and Gipps Street and the block between Stanley Street and Gipps
  - Burwood Road and Broughton Street as a transition to existing low density areas to the north.

# Queen Elizabeth Park O St Lukes Park Concord Oval

Concord/Burwood North recommended setbacks

Metro site

No street setback

8m street setback

#### Key moves

#### Setbacks to respond to and reflect the structure plan and built form typology Precinct boundary and building heights as well as the PRCUTS recommendations

- 6m setback along Parramatta Road as recommended by PRCUTS
- Green spine delivered through 8m street setback to promote increased tree canopy and landscaped interfaces with the street
- 3m setback along all new lanes and connections
- 3m setback in areas with residential density uplift to promote deep soil planting to interface with the streets
- Retain existing setback controls for areas unchanged.

3m street setback Street facing St Lukes Park 4.5m street setback 1-3 storeys for the blocks bounded by Gipps Street, Stanley Street, 6m street setback

Sydney Metro West Planning Study 47

Key

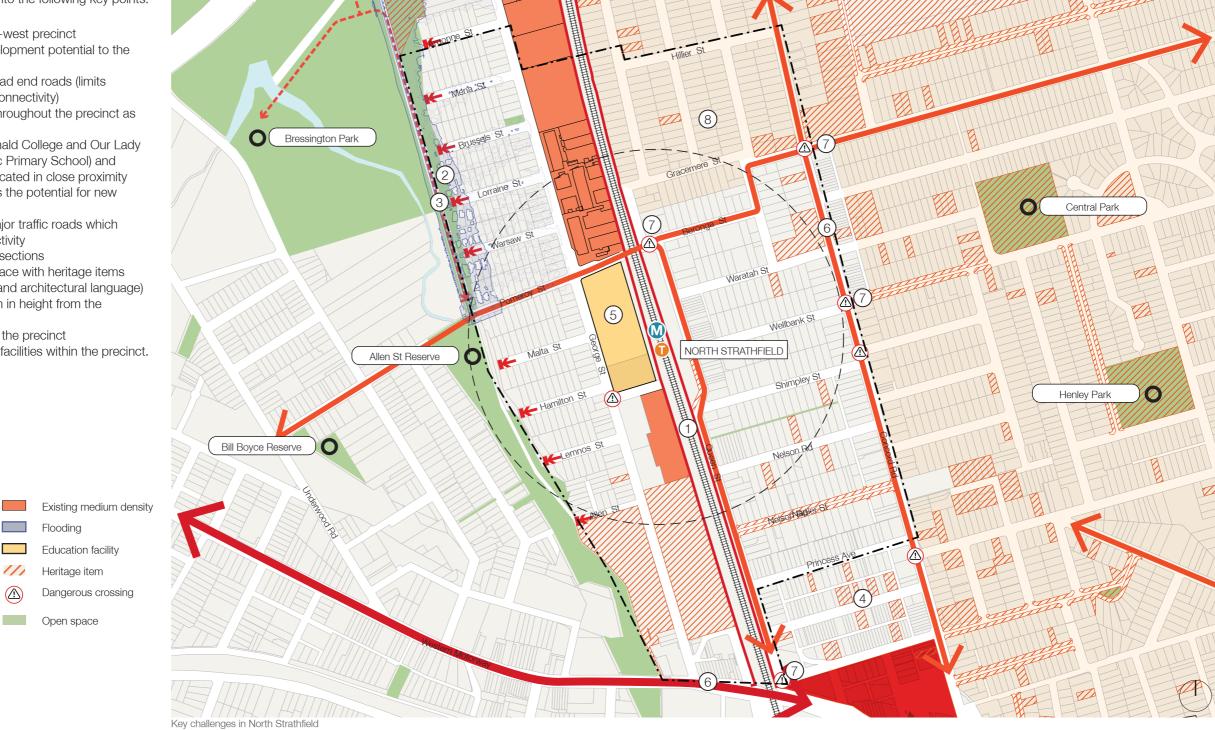
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#### 5.1 Challenges

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The key findings from site analysis and distillation from the baseline review are summarised into the following key points:

- Train line disconnects east-west precinct 1.
- 2. Flooding issues limits development potential to the
- The creek line results in dead end roads (limits 3. vehicular and pedestrian connectivity)
- Heritage items scattered throughout the precinct as
- Education facilities (McDonald College and Our Lady of the Assumption Catholic Primary School) and existing medium density located in close proximity to the existing station limits the potential for new development
- 6. Precinct is bounded by major traffic roads which creates barriers for connectivity
- Identified problematic intersections
- New development to interface with heritage items (scale, transition, material and architectural language) and appropriately transition in height from the conservation areas
- 9. Lack of open space within the precinct
- Lack of community centre facilities within the precinct.



Key

Precinct boundary

Metro site

400m catchment Busy traffic road



Major traffic road



Cul-de-sac



Pedestrian paths



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Character areas (under investigation)

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49

#### 5.2 Opportunities

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- 1. To deliver a new public open space of at least 0.3ha to address shortfall identified by CRED findings and to accommodate the growth in population
- 2. Expand the B1 Neighbourhood centre and increase retail offerings to create an attractive local centre
- Potential for a new landscaped gateway from Parramatta Road as a clear way-finding vehicular entrance into the precinct
- 4. Potential for George Street south of Pomeroy Street to be transformed into a pedestrian priority street
- 5. Potential for Pomeroy Street to be transformed into a green spine with active transport links
- 6. Better pedestrian connections along Wellbank Street to existing shops along Concord Road from station
- New street and new pedestrian connection over the creek corridor at Lorraine Street to connect to open space. Expand the existing pedestrian connection along the Creek towards Bakehouse Quarter
- 8. Identified areas which can support medium density
- 9. Expansion of the Bakehouse Quarter to Parramatta Road to improve the interface into the precinct
- 10. Create public gathering spaces and co-locating community centre within a strengthened and expanded retail core with street frontage.

#### Key

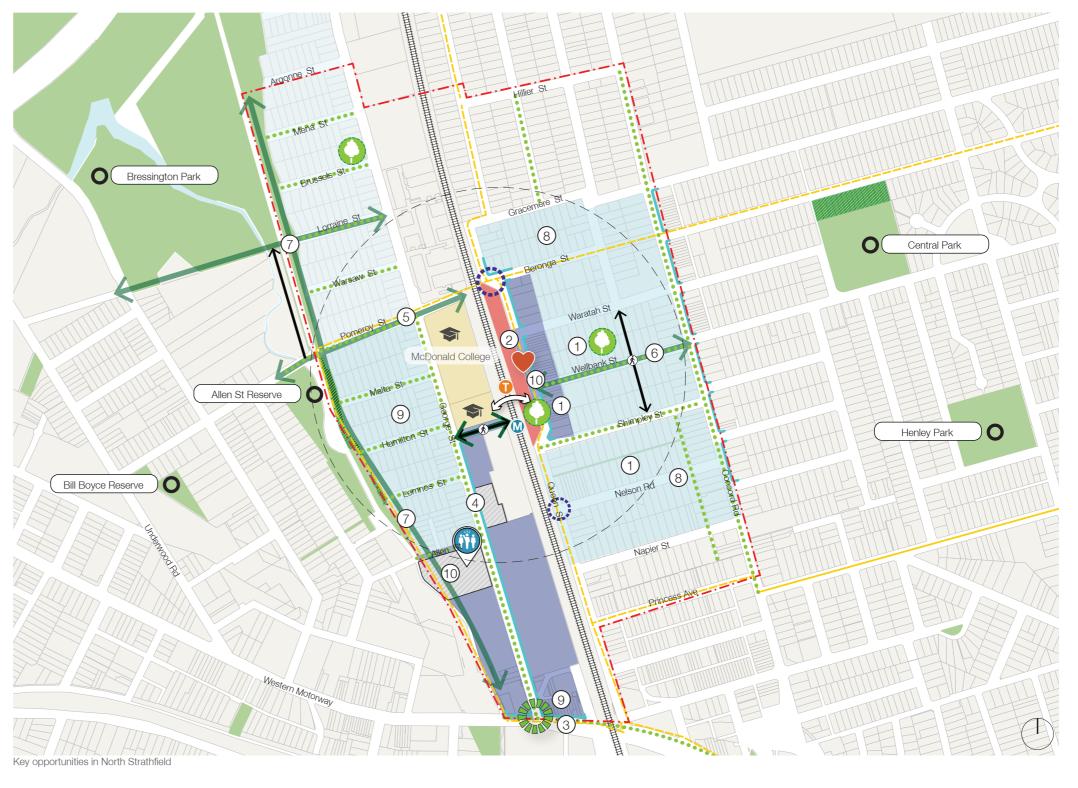
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Opportunity for medium density

space

Heart of the precinct



#### 5.3 Vision

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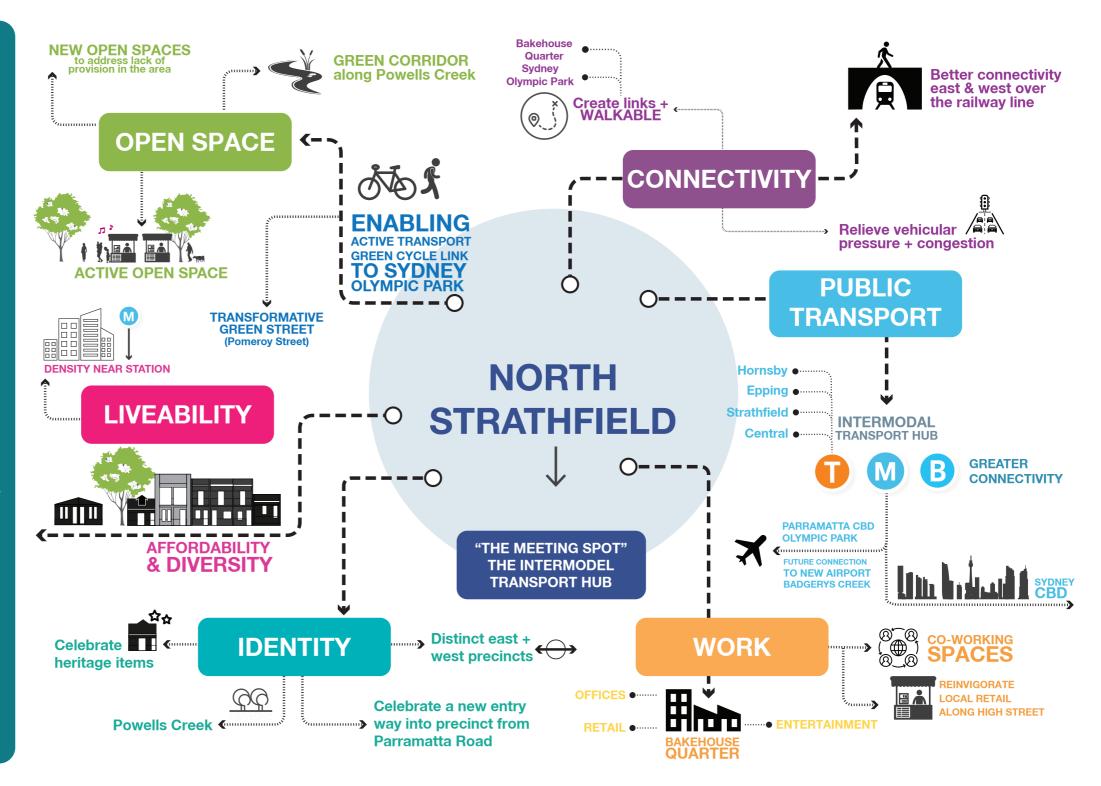
North Strathfield is a flourishing young community made up of people from diverse cultural heritage. The local area has a walkable village feel with a strong connection to its manufacturing history.

North Strathfield is defined by it's long streetscapes of single storey Federation style houses and Inter-War bungalows. It is also known for its active public spaces, amenity and it's close proximity to regional open spaces.

With a nod to the past, the Bakehouse Quarter is the vibrant retail and employment precinct of the area. The redevelopment of the heritage listed Arnott's biscuit factory has transformed the local area into a creative, co-working commercial hub.

The proposed interchange at the heart of the precinct offers an opportunity for increased development and will transform the existing local centre into an active and lively precinct. The proposed density will be focused around the station and transition sensitively to local character areas and heritage items.

The rejuvenation of Powells Creek has created a strategic connection between the built form and natural environment that the community cherish. It was a once extensive salt marsh that flowed into the mangrove-lined streams in Bicentennial Park that remains part of the life-blood of North Strathfield.



#### Vision objectives

North Strathfield offers a unique opportunity to play a strategic role within the Sydney metropolitan area as the new metro station provides an important interchange opportunity with the existing T9 train line. The increased connectivity will support growth in both residential and employment opportunities within the precinct, building upon the existing retail and amenities provided in the area.

The PRCUTS incorporates North Strathfield within the Homebush Precinct which identifies a transformation of the areas into an active and varied hub blending higher density housing with a mix of uses that integrate with the existing character of the area and is supported by a network of green links that tie into the surrounding context.

Building on the vibrancy and character of the Bakehouse Quarter, North Strathfield has an opportunity to provide unique employment opportunities, supported by established retail, and with a diverse range of commercial offerings. The village environment of the Bakehouse Quarter has the opportunity to serve as major gateway into the precinct from Parramatta Road.

The following are a number of high-level objectives that have informed the vision for the future of North Strathfield area. These objectives have been taken from the vision statement. The principles that underpin the delivery of the vision objectives are explored in detail over the following pages.



Breakdown pedestrian barriers created by the train line and improve east-west connectivity with green links and cycle paths. New connections over creek along Lorraine Street and green link along Pomeroy Street.



5. Promote active community plazas and the co-location community facilities (libraries, clinics and community centres) in accessible locations to revitalise key nodes and create hubs of activity especially near the transportation hub.



2. Create a town centre 'heart' and high street adjacent to the station. Encourage commercial and retail uses at key locations to improve access to conveniences and activate spaces throughout the day and into the evening.



6. Improve integration with the Bakehouse Quarter to the south to strengthen and improve the interface into the precinct from Parramatta Road and improve connections to the metro station.



 Extension of the naturalised Powells Creek. Prioritise access to public open spaces by creating more links and opening up the edges of parks to the street.



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4. Provide a public domain as part of the new metro development to address the lack of facilities within this area. Opportunity to include high quality children's play in the new open space.



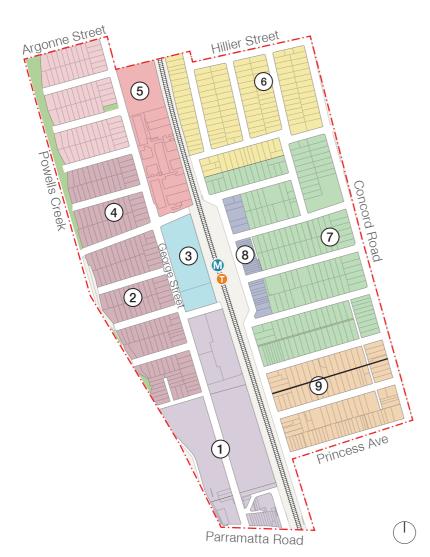
 Increase the variety of housing and buildings types on offer by encouraging more low-rise, and medium density urban typologies whilst preservation of the natural environment and addressing flooding issues.



3. Improve the green grid and create cycle links throughout the local centre by adding dedicated cycle lanes to key destinations (i.e. open space, local retail and public transportation).

#### Summary desired sub-precinct character

North Strathfield has been divided into ten (10) separate Future Character Areas based on the feedback from the community and site analysis, as well as considerations for strategic drivers of change (such as PRCUTS and a new Metro). This is a summary of a broader section taken from Local Character Statement.



Future local character sub-precincts in North Strathfield

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#### 1 M

#### Mixed use precinct

There is an opportunity to strengthen and increase the activity within this precinct in accordance with recommendations in the Parramatta Road Corridor Urban Transformation Strategy with heights up to ten (10) storeys. Improvements to and activation of George Street

#### 2 Residential (lower west)

This local character sub-precinct will accommodate medium to high density development up to 5 storeys that will interface with the mixed use Bakehouse Quarter. It will also contribute to the amenity and safety of the of the Powells Creek Corridor and bring the verdant green space into the precinct.

#### 3 School District

This character area can be improved upon with future development providing a better interface with the street and providing more amenity on George Street. Any redevelopment should improve connections to the station and provide a plaza/civic space. Up to ten (10) storeys will be permitted.

#### Low density residential (upper west)

This local character sub-precinct will maintain its low density character. Infill development and missing middle product would be appropriate, so long as it complements the neighbouring character, including setbacks, street grain and dwelling envelopes.

#### 5 High density residential (upper west)

This sub-precinct has existing 4-6 storey residential flat building developments. It is unlikely that the built form will change significantly in the future. For this reason, public realm improvement is the priority.

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1-2 storey Federation and Inter-War bungalows with mature streetscapes, identified in CCB's Local Housing Strategy as an area to be maintained, protecting the established character of the existing neighbourhood.

#### (7) Residential (upper east)

Character Area (LSPS)

(6)

This character sub-precinct will sensitively integrate a mix of housing typologies. Missing middle product up to three (3) storeys is appropriate in this location. A new park will be provided at the centre of this character area. Heritage items will be protected with interfacing development sensitive to the urban form.

#### (8) Town Centre Core

Shop top housing could be transformed into medium density mixed use developments of up to four (4) storeys that retain the existing façades and the fine grain nature of the street. This will revitalise the Queen Street shops and form a civic heart through its relationship to the train station and station plaza.

#### (10) Low density residential (lower east)

This local character sub-precinct will be maintained in it existing form. Princess Ave, Napier Street (Heritage Street) and Nelson road have a consistent streetscape and established native tree canopy. Priorities include upgrades to Queen Street as a bicycle route and additional links across the railway line.

#### 5.4 North Strathfield preferred structure plan

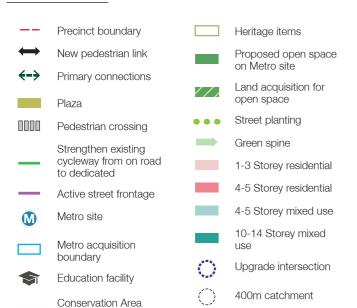
The following are the key elements of the Structure Plan which syntheses the urban design frameworks for North Strathfield:

#### Key elements

- 1. Increased density and mixed use opportunities at Bakehouse Quarter
- 2. Extend the mixed use north towards the Rail Station.
- 3. Strengthen the local centre by extending mixed use/ retail offerings along Queen Street from Beronga Street to Shipley Avenue
- 4. Medium density south of Lorraine Street, largely within 400m from the Metro Station.
- 5. The remaining areas to remain low density residential areas north of Lorraine Street.
- 6. Unlock permeability throughout the Precinct with key new connections
- 7. Provide an open space/plaza within the Metro development
- 8. Expand existing and create new open spaces to increase quantum within the Precinct.

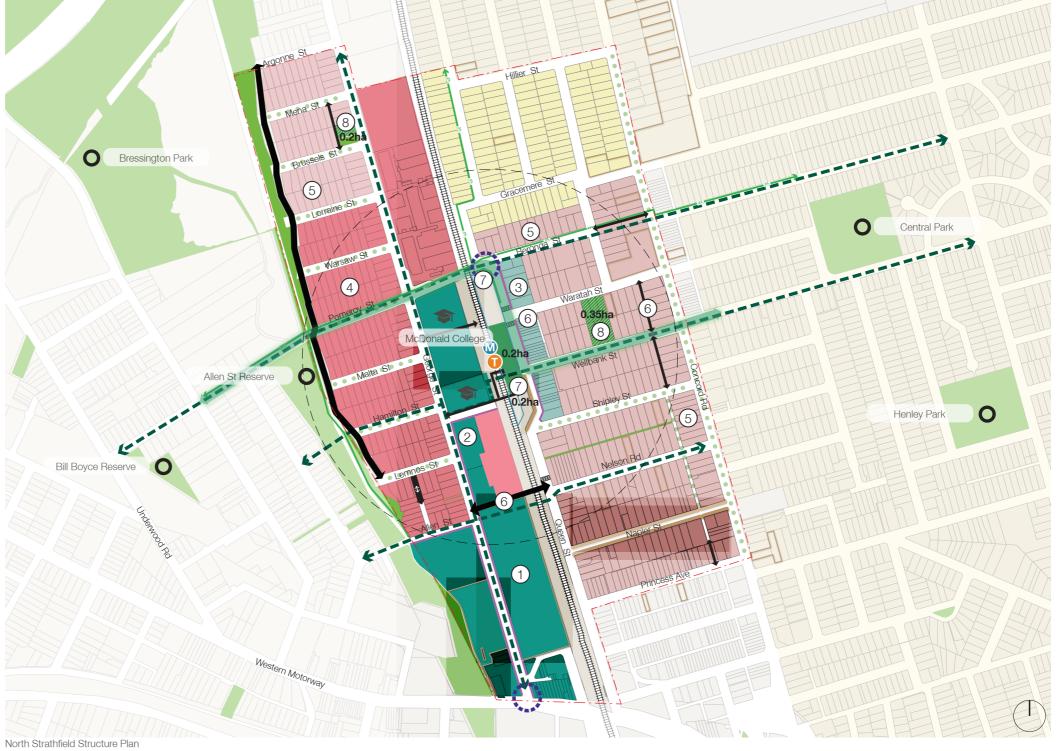
#### Key

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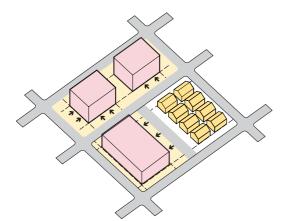
under investigation (1-2 storeys)

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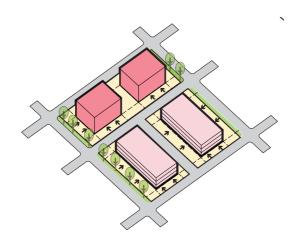


#### 5.5 North Strathfield - Design recommendations

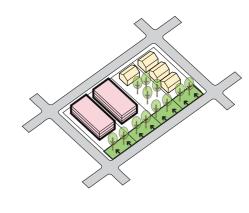
The following are the design recommendations specific for North Strathfield to ensure that the vision of the Precinct is achieved:



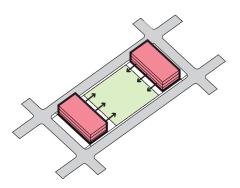
1. Heritage items and character areas under investigation to be maintained and enhanced with generous setbacks to reduce visual impact.



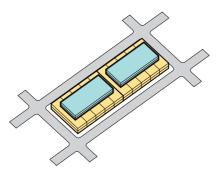
2. Provide landscape setback in residential zone of 4m on local streets and 8m along priority green streets.



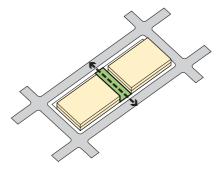
3. Preserve tree canopy within residential zone where possible and provide deep soil setbacks for tree planting



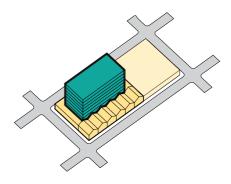
4. Adjacent developments to provide passive surveillance and ground level activation to parks.



5. Shop top housing along Queen Street, maintaining fine grain with above residential uses.



6. Prioritise through-site links and permeability on long urban blocks for improved connectivity.



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7. Sensitive development with above podium setbacks on top of heritage items at Bakehouse Quarter.

#### 5.6 North Strathfield potential built form massing

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Built form testing of the Structure Plan ensures that the design recommendations are achievable and enables proposed future populations to be calculated:



North Strathfield built form massing



#### 5.7 Open space, public domain and community framework plan

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#### Key moves

- 1. CCB's Social Infrastructure (Open Space and Recreation) Strategy and Action Plan (CRED 2019) indicates a need for a 0.3ha open space with new play space required for the Precinct west of the train line
- Provide new open spaces with different activities to create a various and rich outdoor program open to all, including:
  - Opportunity for wild play park to integrate with Powells Creek naturalised channel (A)
  - Opportunity for active outdoor gym and running track to promote physical health activity (B)
  - Activate public spaces and civic plazas, encourage social interaction and gathering (C)
- Opportunity to connect key open spaces with direct green cycle routes and pedestrian friendly streets to create a green network
- 4. Protecting solar amenity to existing and future open spaces
- 5. Additional street planting along streets which have been identified as low tree canopy cover
- 6. Delivery of new community facility that are inclusive and adaptable in particular North Strathfield will need 1,101m2 by 2036 of new multipurpose community centre as stated by the CCB's Social Infrastructure Community Strategy (CRED 2019)

#### Key

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#### Civic open spaces

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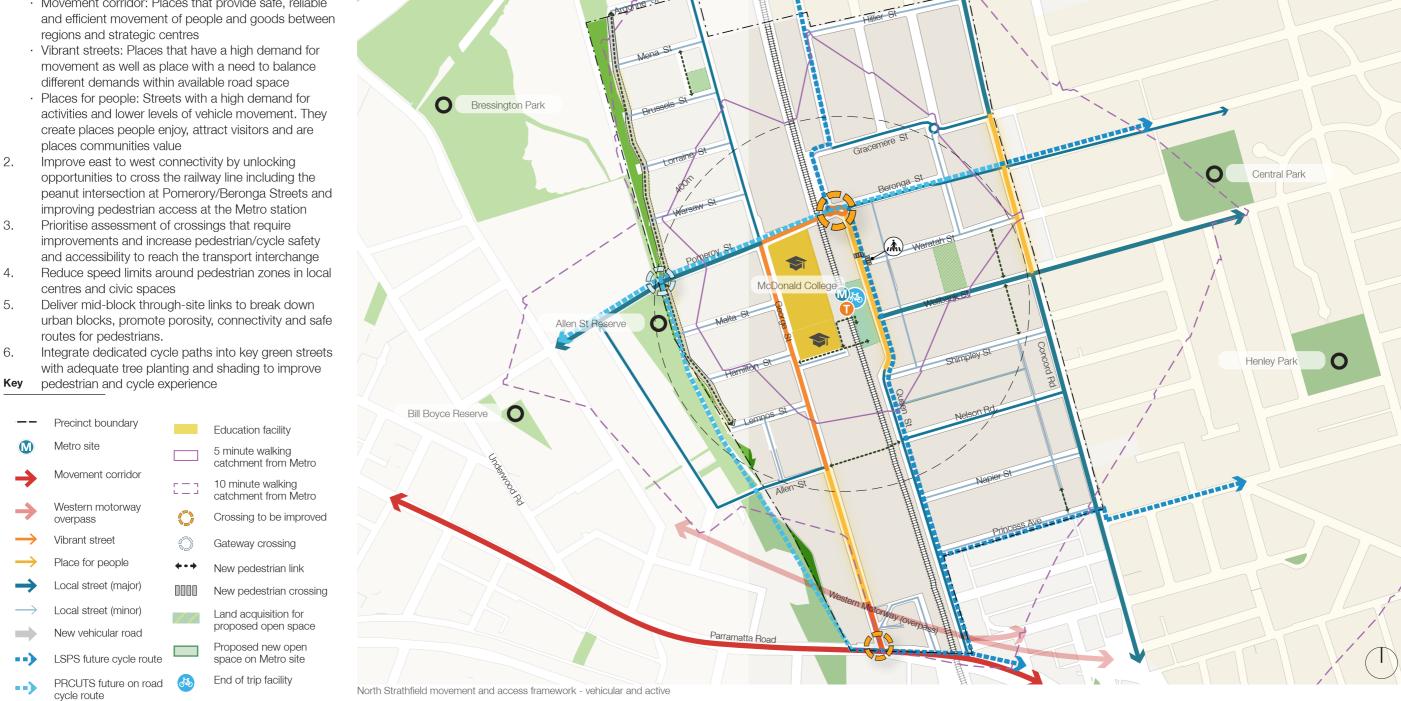
#### 5.8 Movement and access framework plan

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#### Key moves

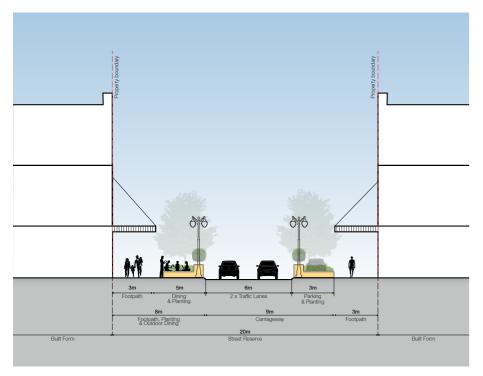
- 1. Future Transport Strategy 2056 classification used to differentiate streets to perform different functions:
  - · Movement corridor: Places that provide safe, reliable regions and strategic centres

- opportunities to cross the railway line including the
- 3.
- 4.
- 5.
- with adequate tree planting and shading to improve



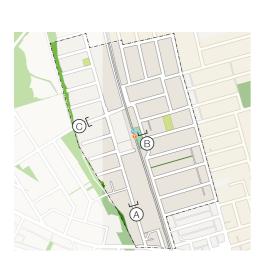
#### Priority streets - recommendations

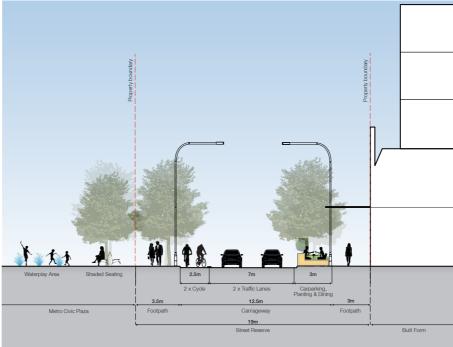






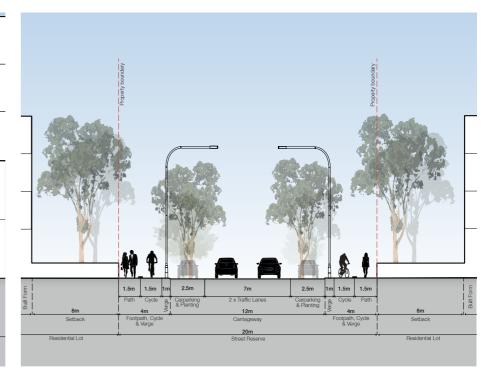
- Strengthen pedestrian friendly street by expanding footpath upgrades from Allen Street to Parramatta Road (through dedication and kerb alignment) to allow for outdoor dining/seating and deep soil planting for mature street trees. Expand shared zone with paving treatment
- · New tree street planting in between parking bays to increase shading
- · Allow opportunities for easy pedestrian crossing along the street.





#### B. Places for People (Queen Street)

- · Create a new civic plaza as part of the integrated Metro development.
- · Add a dedicated cycle lane along civic plaza
- Provide double row of deciduous street trees on western side of the street for shading and as a natural buffer to the street
- Upgrade on-street carparking on eastern side to allow for pockets of deep soil planting and outdoor dining opportunities
- · Shared zone street adjacent to Metro plaza through paving treatment.



#### C. Green Street (Pomeroy Street)

- Add dedicated two-way cycle lane to southern side of the street and increase shading through street planting along the verge to improve pedestrian and cycling experience.
- Upgrade on-street carparking on northern side to allow for pockets of deep soil planting in between parking bays.
- · Generous street setbacks to allow deep soil planting within private properties.

#### 5.9 Land use and activity framework plan

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#### Key moves

- 1. Three (3) distinct local centres with different characters and activity hubs have been identified:
  - A Urban services along Concord Road: larger scale bulky services (such as local supermarket)
  - B Local centre along Queen Street: fine-grain boutique cafés and retail with an attractive high street
- © Heritage destination hub (commercial, food & beverage precinct) at the Bakehouse Quarter: opportunity for larger anchor tenancies as attractors (such as breweries and restaurants)
- Improve connectivity to the different hubs by clear way-finding, pedestrian access and streetscaping
- Active frontages to create streets as places for people along the high streets
- Increase activity supported by increased footfall through increased density and investment in Metro development
- Transport interchange to be the main activity hub supported through the creation of a new civic heart adjacent to the station.

#### Key

Precinct boundary



Metro site



Mixed use



Residential density transition



Active street Active frontage



New open space



Character area under investigation



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Heritage



#### 5.10 Built form and heritage framework plan

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#### Key moves

- Retain fine grain retail along local streets and Bakehouse Quarter to maintain the established character
- 2. Establish clear neighbourhood character through scale, density and consistency in the architectural elements (setbacks and street wall heights)
- 3. Integration of existing strata development into new urban morphology with mix of building typology, variety of uses, and diversity of users
- 4. Sensitive development around heritage items
- 5. Clear interface between residential and mixed use areas
- 6. Transition of scale from high density to low density and parklands. In particular, a sensitive built form transition north towards the Character Area identified in CCB's Local Housing Strategy (2019)
- 7. Lot amalgamation with a minimum 1,800m² size to facilitate larger developments and height to ensure proper deep soil planting and improved public domain interface.

#### Key

-- Precinct boundary



Metro site

Mixed use



Residential density transition



Residential and mixed use interface



Heritage



Heritage item in Bakehouse Quarter Education facilities

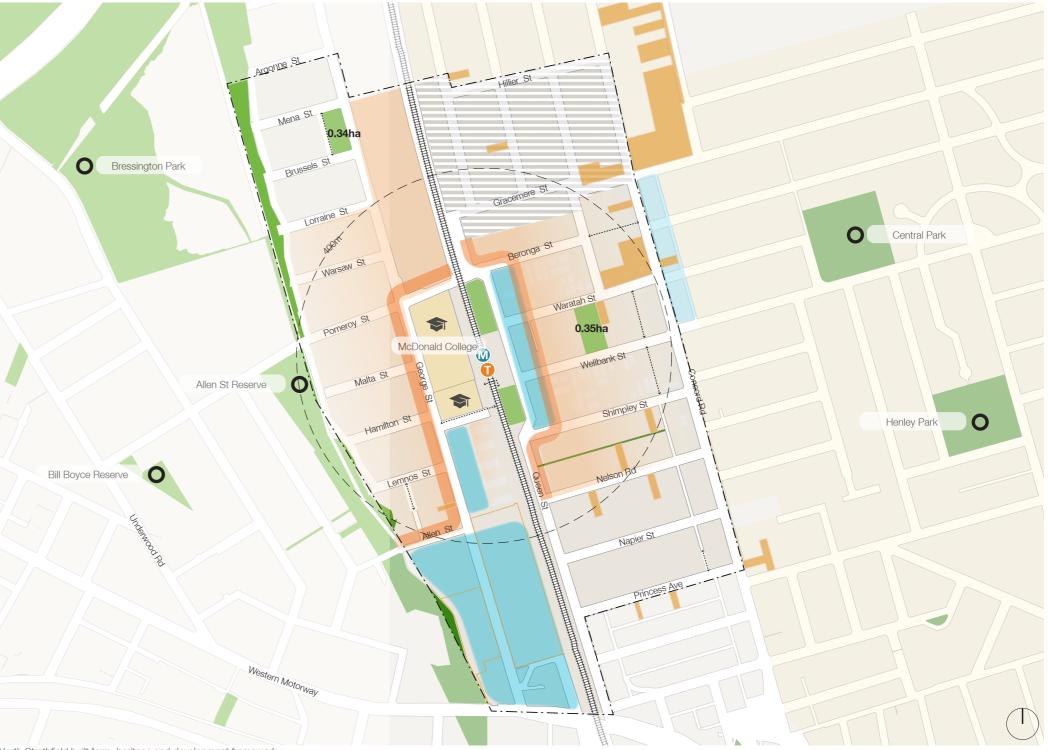


Open space



New pedestrian link

Character area under investigation



North Strathfield built form, heritage and development framework

#### **Building heights**

# 0 0

4 storey street wall and 6+ storey heights concentrated within the

1 to 3 storeys localised in transitions area to interface parklands and

2 storey street wall and up to 4 to 6 storeys within 400m catchment from the

Key moves

Bakehouse Quarter

Metro station and main local centres

character areas currently under investigation

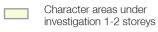
North Strathfield recommended building heights

#### Key

Precinct boundary



Metro site



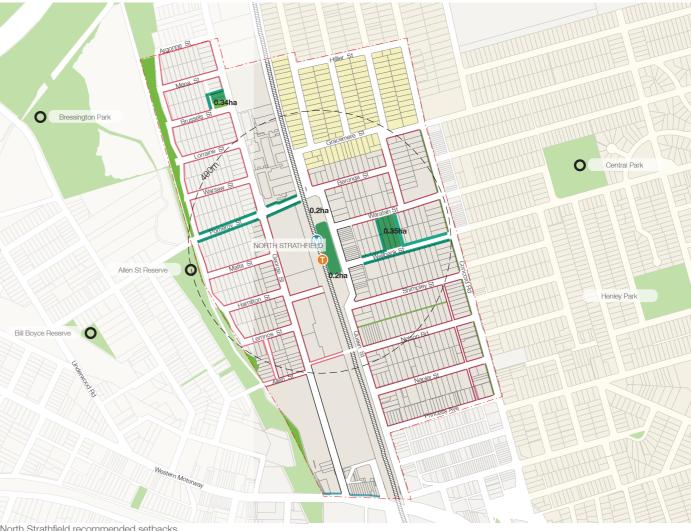


4-5 storeys

10-14 storeys

Setbacks

**DRAFT** 



North Strathfield recommended setbacks

#### Key

Precinct boundary



Metro site



4m street setback 5m street setback

6m street setback



8m street setback

#### Key moves

- Setbacks to respond to and reflect structure plan, building heights and building typology
- Green spine streets delivered through 8m street setbacks to promote increasing tree canopy and landscaped streetscapes
- 6m setback along Parramatta Road as recommended by PRCUTS
- Active streets have 0m setbacks on street frontages and where possible, utilise service lanes to move service vehicles off pedestrian streets
- 5m setback along Concord Road to promote deep soil planting to interface with the vehicular dominant street
- 4m setback in areas with residential density uplift
- Retain existing setback controls for areas unchanged.

#### SJB Urban

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Level 2, 490 Crown Street Surry Hills NSW 2010 Australia T. 61 2 9380 9911 architects@sjb.com.au sjb.com.au