

# Horsley Park and Cecil Park Urban Investigation Area

# **Draft Structure Plan Options**

(November 2018)



## Horsley Park and Cecil Park Urban Investigation Area

Client Name:	Fairfield City Council
Document Title:	Horsley Park and Cecil Park Urban Investigation Area
Document No.:	IA180500
Revision:	4
Revision Date:	November 2018
Project/Proposal No:	IA180500
Project Manager:	Myall Stevens
Prepared By:	Nate Bettini
Approved By:	Aaron Bowden
File Name:	J:\IE\Projects\04_Eastern\IA180500\21 Deliverables\Fairfield Land Use Scenarios\Horsley Park and Cecil Park UIA - Land Use Scenarios.indd
Jacobs Australia Pty Lim Level 7, 177 Pacific High North Sydney NSW 206 PO Box 632 North Sydne NSW 2059 Australia	way o Australia

T +61 2 9928 2100 F +61 2 9928 2500 www.jacobs.com

© Copyright 2018 Jacobs Australia Pty Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright



## **Table of Contents**

## 1. Introduction

- 1.1 Purpose of this report
- 1.2 Regional Considerations

#### 2. Land Development Options

- 2.1 Summary of Options
- 2.2 Option A Boulevard (Medium Density)
- 2.3 Option B Boulevard (Medium Density, Employment Plus)
- 2.4 Option C Rail Station Enabled (High Density in Cecil Park, Employment Plus)

#### 3. Preferred Option

3.1 Regional Context

#### 3.2.1 Transportation

- 3.2.2 Typical Colector Boulevard
- 3.2.3 Central Arterial Boulevard
- 3.2.4 Potential Boulevard Evolution

#### 3.3.1 Open Space

- 3.3.2 Blue and Green Grid
- 3.3.3 Open Space Corridors
- 3.4.1 Potential Land Uses
- 3.4.2 Social Infrastructure
- 3.4.3 Agribusiness and Estate Homes
- 3.4.4 Medium Density Residential
- 3.4.5 High Density Residential
- 3.4.6 Town Centres
- 3.4.7 Employment Lands & Enterprise Corridors
- 4. Next Steps





JACOBS

## **1.1** Purpose of this report

Figure 1.1 Site Aerial

The Project is being undertaken as a result of land in Fairfield City (Horsley Park and Cecil Park) being identified within an Urban Investigation Area (UIA) under the draft Greater Sydney Region Plan and Western City District Plan as exhibited by the Greater Sydney Commission (GSC) in Sept/Oct 2016

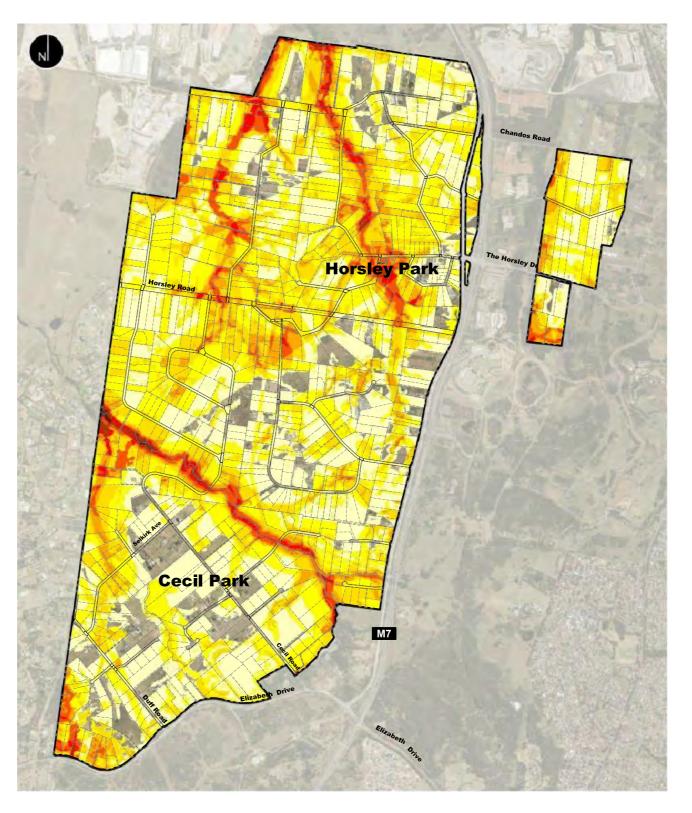
Investigations into draft structure plan options (SPO) rely predominantly on the findings of the Stage 1 - Urban Capability Assessment (UCA) prepared by Jacobs Pty Ltd in May 2018 in addressing the study outputs for the project. The work for Stage 1 utilised relevant GIS data and reports relating to environmental considerations and infrastructure to map areas of the UIA which is potentially undevelopable/developable land.

The UCA identified land as having potential to be classified as either urban capable or otherwise require specific assessment either on a site by site level or a precinct wide approach. Land identified as not capable of facilitating urban development may be used for parklands, playing fields or environmental purposes (e.g. bio banking, stormwater detention).

The overall objective the Stage 2 SPO is to gain a more detailed understanding of the location and extent of future urban development within the UIA in light of the findings of work associated with the Stage 1 UCA. The work will also be critical in assisting Fairfield City Council, State Government Agencies, utility providers and the GSC in:

- Gaining a more detailed understanding of the capacity of the UIA and feasibility for urban development
- Identifying precincts within the UIA that are suitable for accommodating different scenarios for urban development
- Undertaking strategic planning and feasibility assessments in relation to provision of infrastructure, community facilities and sustainability outcomes for the UIA.
- Establishing the broad parameters for informing the community on possible urban development scenarios for the UIA.
- Providing a platform for undertaking more detailed urban design work and master planning processes for the UIA.
- Understanding the capacity of environmental systems to accommodate urban development in the UIA.
- Establish key principles for guiding future development of the UIA.
- Developing suitable strategic land use options for the Fairfield UIA.
- Developing land use outcomes which addresses relevant directions of the Greater Sydney Regional Plan, Western Sydney District Plan and is an exemplar for sustainable urban development in the Western City.

This study does not include detailed planning for major infrastructure to support future urban development as these investigations will be undertaken by relevant authorities to assist in determining appropriate staging for development across the region.



	1
	2
	3
	4
$\sim$	5
$\searrow$	6
$\searrow$	7
$\searrow$	8
$\sim$	9
$\sim$	10

Constraints considered:

Flooding (high, medium and low risk) Bushfire prone land including vegetation buffer Biodiversity constraints Western Sydney freight corridor Easements (excluding access easements Existing landuse (extractive industries, market gardens, piggery, poultry) Aboriginal PIA European heritage ANEC aircraft overflight noise contours Lot size <1500m2 Slopes >18%



## 1.2 Regional Considerations

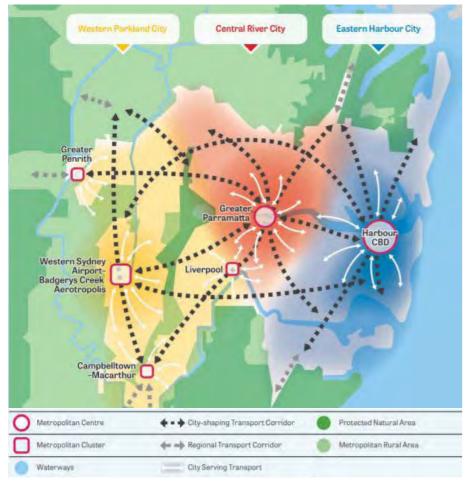
The strategic planning framework in NSW has undergone significant change over the last 5 years with a multitude of variations of Sydney wide and districts planning strategies. The Greater Sydney Commission (GSC) commenced in January 2016 with an agreed Statement of Priorities with the Minister for Planning. This Statement of Priorities are based on Commission's statutory responsibilities under the *Greater Sydney Commission Act 2015*.

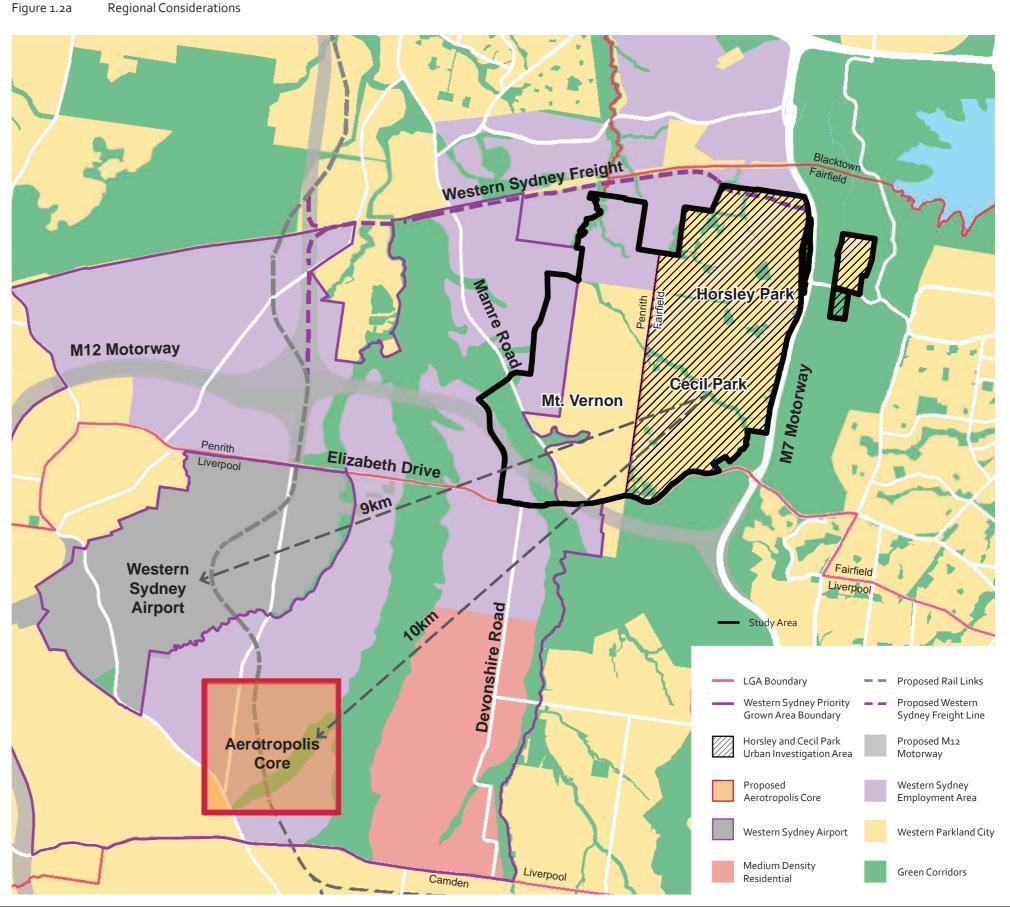
The UIA is within the Western Parkland City with the Western Sydney Parklands immediately adjacent to the eastern and southern boundaries if not for the M7 Motorway and Elizabeth Drive. The UIA is borders Penrith City Council's boundary on the western boundary with a continuation of the UIA extending into the Penrith suburb of Mt Vernon. This area is not included in this ILUS.

The Western Sydney Aerotropolis is immediately adjacent to the UIA and the Elizabeth Drive and the M12 Motorway provides for a direct road connection from the UIA to the new Western Sydney Airport which is a key economic driver for the region and the likely key growth driver for the UIA as the region evolves to facilitate the Aerotropolis.

The UIA is also adjacent to the Western Sydney Employment Area (WSEA) to the north which further ties the UIA physically and geographically to the Western Parkland City and Aerotropolis as the key driver for future growth.







Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018







## 2.1 Summary of Options

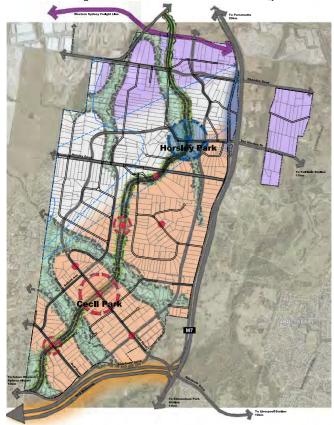
The constraints on the developability of the land for urban purposes prepared as part of the Stage 1 assessment has been utilised to form the basis for a high level structure planning process. The base statistics devised as part of Stage 1 that form the basis for this process comprise land identified as unrestrained for urban purposes, land potentially urban capable and land non urban capable. For the purposes of developing structure planning land identified as potentially urban capable has been included within the urban capable land.

## **Option A - Boulevard**

(Medium Density)

#### BENEFITS

- Promotes agribusiness and retention of market gardens and rural character
- The boulevard could be constructed in phases
- The boulevard road reserve can become a utility spine
- The boulevard may help relive congestion from the M7
- Can facilitate a higher residential capacity
- Refrains from higher densities along some ridge lines
- · Limited dwellings in ANEC and adjacent to freight rail
- Focuses density on infrastructure
- Facilitates short and long term public transport modes
- Enterprise corridor relates to employment & Horsely Park ISSUES
- Requires more infrastructure and land acquisition
- Catchment for Horsley Park is minimal
- Results in estimated 65% of residential as multi-dwelling



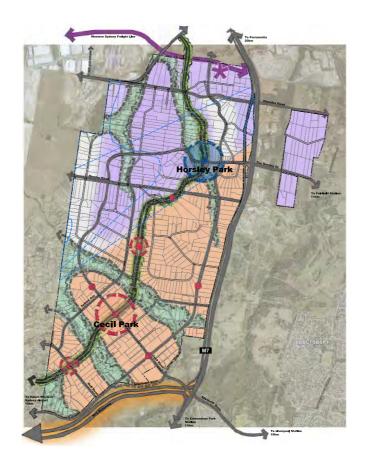
## **Option B - Boulevard** (Medium Density, Employment Plus)

#### BENEFITS

- The boulevard could be constructed in phases
- The boulevard road reserve can become a utility spine
- The boulevard may help relive congestion from the M7
- Can facilitate a higher residential capacity
- · Refrains from higher densities along some ridge lines
- Limited dwellings in ANEC and adjacent to freight rail
- Focuses density on infrastructure
- · Facilitates short and long term public transport modes

#### ISSUES

- Requires more infrastructure and land acquisition
- Retains minimal market gardens and agribusiness
- Results in estimated 65% of residential as multi-dwelling



## **Option C - Rail Station Enabled** (High Density Cecil Park, Employment Plus)

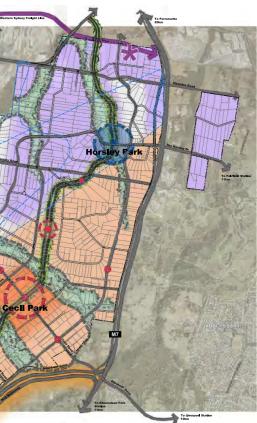
#### BENEFITS

- The boulevard could be constructed in phases • The boulevard road reserve can become a utility spine The boulevard may help relive congestion from the M7 Can facilitate a higher residential capacity • Limited dwellings in ANEC and adjacent to freight rail • Focuses density on infrastructure • Facilitates short and long term public transport modes

- ISSUES
- Retains minimal market gardens and agribusiness



- Density supports potential Airport to Parramatta rail
- Requires more infrastructure and land acquisition
- Increased density results in estimated 78% of residential as multi-dwelling



Note: Provision of rail station subject to further investigations by TfNSW



## 2.2 Option A - Boulevard (Medium Density)

Option A creates a chain of village nodes along a boulevard spine. The village nodes are created based on urban suitability and the ability to easily formulate a street grid facilitated by the existing roads and property boundaries. The boulevard links the centres and enhances the green grid by linking the tributaries of the blue grid through the centre of the site.

Employment is located in the north to build and support the WSEL as well as provide the buffer to the freight rail line.

An enterprise corridor along the eastern boundary is intended to facilitate service related industries and support commercial or hospitality needs as the population evolves throughout the region. The enterprise corridor is located so as to easily accessible from the M7 as well as for through traffic movement both from the south and the west.

Land within the ANEC is retained with similar uses of estate homes and agribusiness with a limitation on increased residential density. Land to the North of the ANEC is identified for employment land with accessibility to the WSEA.

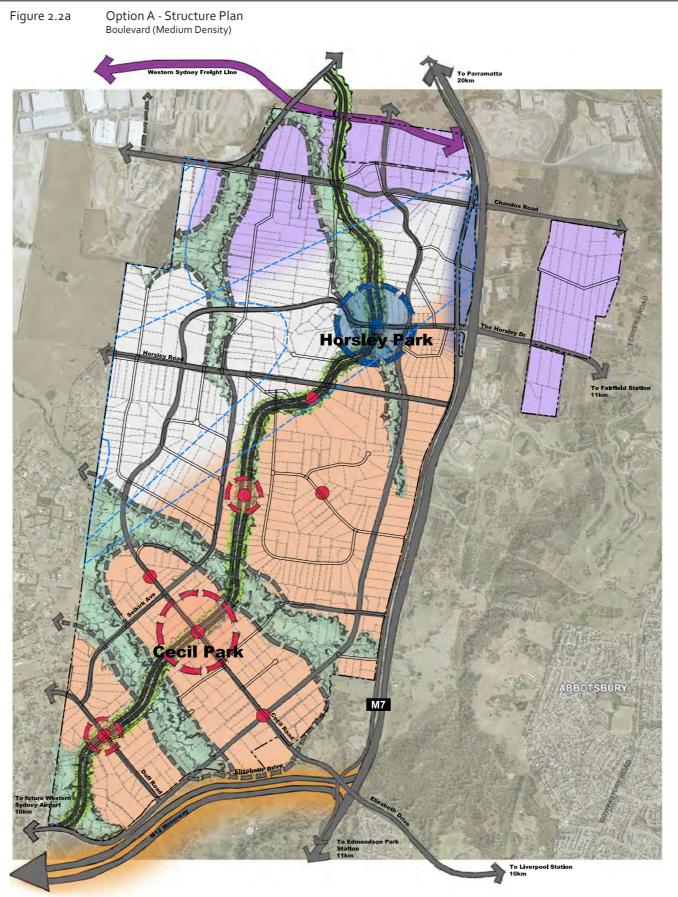
Land within the keyhole lands within the Western Sydney Parklands is identified to facilitate employment generating land uses to compliment the adjoining farming precincts.

The residential density along the boulevard will have a number of benefits including viability of village nodes, potential for public transport options, concentration of open space and community facilities and consistent urban form.

Horsley Park Village, due to reduced residential densities is likely to be focused towards a commercial service centre whereby Cecil Park will likely facilitate the service and retail needs of the community.

Figure 2.2b Option A - Approximate Yield

	AREA (ha.) (approximate)	% OF LAND (approximate)	DENSITY RANGE (du per ha)		DWELLING UNITS	
LAND USE			Low	High	Low	High
Low Density: Agricultural and Estate Homes	412.1	26.2%	0.5	2	206	824
Mixed Density Residential	602.1	38.2%	20	27	12,042	16,226
- Low / Medium Density Detached (45% of Area)	270.9	17.2%	15	20	4,064	5,419
- Medium Density (40% of Area)	240.8	15.3%	20	28	4,817	6,743
- Medium / High Density (15% of Area)	90.3	5.7%	35	45	3,161	4,064
Employment	235.8	15.0%	-	-	-	-
Enterprise Corridors	15.7	1.0%	-	-	-	-
Green Corridors	309.9	19.7%	-	-	-	-
TOTAL	1,575.6	100%	8	11	12,248	17,050



Low Density: Agribusiness and Estate Homes Medium Density Residential Employment Land Enterprise Corridors Green Corridors Western Sydney Airport ANEC Boundary Boulevard Major Roads M12 Motorway Western Sydney Freight Line corridor Commercial Village Centre

One vinage ochae

Neighbourhood Centre

Corner Stores



## 2.3 Option B - Boulevard (Medium Density, Employment Plus)

Option B is based on the road structure and green grid included in option A and retains the same residential densities south of the ANEC.

Figure 2.3a

Option B - Structure Plan

Employment land uses replace estate homes and agribusiness uses within the ANEC contours with the exception of the ridge lines. The ridge lines are visually prominent in the locality with a number of large estate homes existing in these locations.

The keyhole lands are identified for employment oriented land uses to reduce the potential for land use conflicts as well as promote land uses that support the ongoing operation of agriculture in the region.

The enterprise corridor from Option A has been removed and replaced with employment land uses.

This option contains a significant scale of employment land uses further expanding on the proposed employment proposed in the Aerotropolis and WSEL where there is potential for a siding.

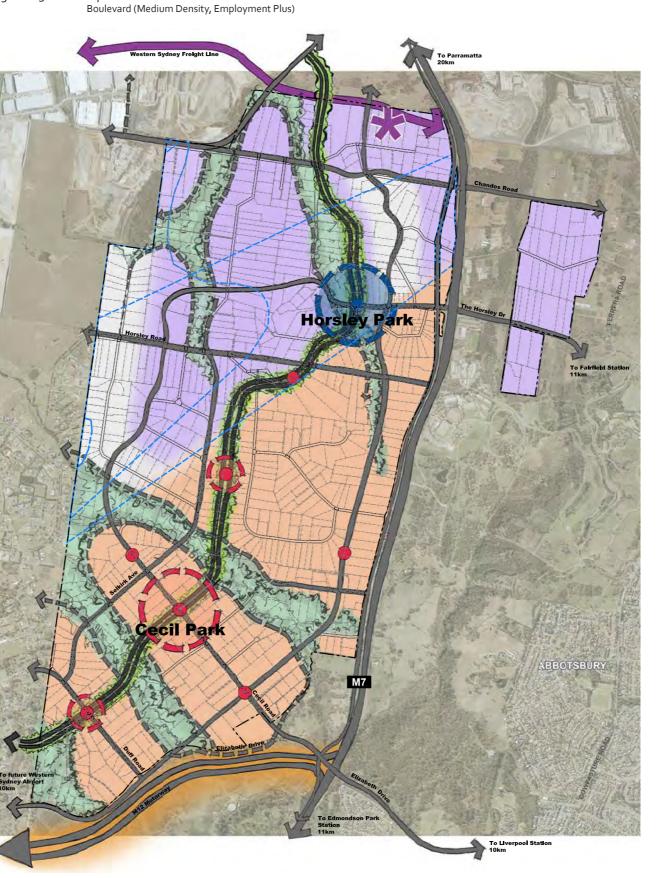
The increase of employment near the WSFL and in the ANEC contour near Horsley Park to support the centre. Retaining more low density Agribusiness on constrained lands near the middle of the site and adjacent to the Horsley Park Homestead may be considered.

Modestly increase housing densities at Cecil Park may be considered to facilitate mass transit (bus or light rail along the boulevard) between Horsley Park and Cecil Park the Aerotropolis.

#### Figure 2.3b Option B - Approximate Yield

LAND USE	AREA (ha.) (approximate)	% OF LAND (approximate)	DENSITY RANGE (du per ha)		DWELLING UNITS	
LAND USE			Low	High	Low	High
Low Density: Agricultural and Estate Homes	135.2	8.6%	0.5	2	68	270
Mixed Density Residential	610.2	38.7%	20	27	12,204	16,445
- Low / Medium Density Detached (45% of Area)	274.6	17.4%	15	20	4,119	5,492
- Medium Density (40% of Area)	244.1	15.5%	20	28	4,882	6,834
- Medium / High Density (15% of Area)	91.5	5.8%	35	45	3,204	4,119
Employment	520.3	33.0%	-	-	-	-
Green Corridors	309.9	19.7%	-	-	-	-

TOTAL 1,575.6 100% 8 11 12,272 16,715





#### 0 1km

Low Density: Agribusiness and Estate Homes Medium Density Residential Employment Land Green Corridors Western Sydney Airport ANEC Boundary Boulevard Major Roads M12 Motorway Western Sydney Freight Line corridor Rail Head / Siding

Commercial Village Centre

Civic Village Centre

Neighbourhood Centre

Corner Stores



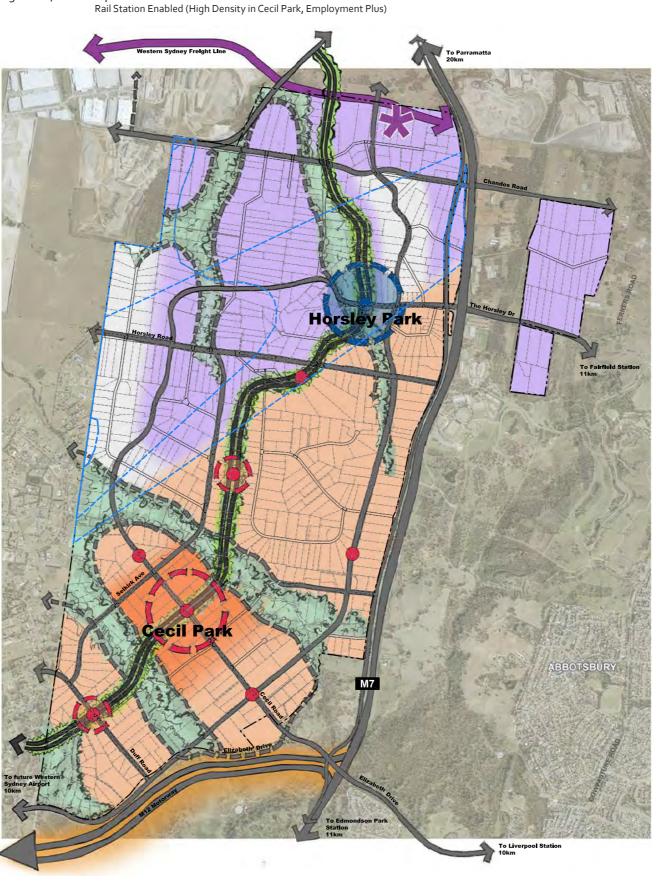
## 2.4 Option C - Rail Station Enabled Figure 2.4a (High Density in Cecil Park, Employment Plus)

Option C is based on option B, with the added consideration of a rail connection between Parramatta and the Aerotropolis. The Rail station Enabled option facilitates the potential for a station location within the Cecil Park Town Centre.

The residential density at Cecil Park has been substantially uplifted to create a town centre with an increased critical mass intended to justify a potential heavy rail station. The station would form part of the proposed Parramatta to Western Sydney Airport corridor.

All other elements of Option B has been retained, including increased employment throughout the ANEC contours and the enterprise corridor along the M7 at the southeastern edge of the UIA.

This option may also facilitate increased residential densities along the boulevard to encourage bus patronage to the rail station and town centre.



Option C - Structure Plan

#### Figure 2.4b Option C - Approximate Yield

LAND USE	AREA (ha.) (approximate)	% OF LAND (approximate)	DENSITY RANGE (du per ha)		DWELLING UNITS	
LAND USE			Low	High	Low	High
Low Density: Agricultural and Estate Homes	135.2	8.6%	0.5	2	68	270
Mixed Density Residential	547.1	34.7%	20	27	10,942	14,744
- Low / Medium Density Detached (45% of Area)	246.2	15.6%	15	20	3,693	4,924
- Medium Density (40% of Area)	218.8	13.9%	20	28	4,377	6, 127
- Medium / High Density (15% of Area)	82.1	5.2%	35	45	2,872	3,693
High Density Residential	63.1	4.0%	75	150	4,734	9,468
Employment	520.3	33.0%	-	-	-	-
Green Corridors	309.9	19.7%	-	-	-	-
TOTAL	1,575.6	100%	10	16	15,743	24,482

Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018 Low Density: Agribusiness and Estate Homes Medium Density Residential High Density Residential Employment Land Green Corridors Western Sydney Airport ANEC Boundary Boulevard Major Roads M12 Motorway Western Sydney Freight Line corridor Rail Head / Siding Commercial Village Centre Civic Village Centre

Corner Stores

Note: This Option factors in the possibility of a future railway station (on a passenger rail line from Parramatta to the Western Sydney Airport) in Cecil Park. Council will be working with Transport for NSW to gain further clarification on this issue in subsequent stages of work associated with the UIA.





JACOBS

## 3.1 Regional Context

The following sections of the report provide and overview of the intent of the draft SPO. For illustrative purposes Option C has been used to show the intended connectivity and character of the UIA. Option C has been used because it is the most complex and contains the full variety of land uses that are proposed through all options.

Residential density is focused on clear transport corridors and the primary centre of Cecil Park has been located to facilitate access to freeways connecting to Campbelltown, Parramatta and Sydney CBD as well as the Aerotropolis. Cecil Park also has the capability to facilitate a future rail connection on the potential future connection direct between the Western Sydney Airport and Parramatta.

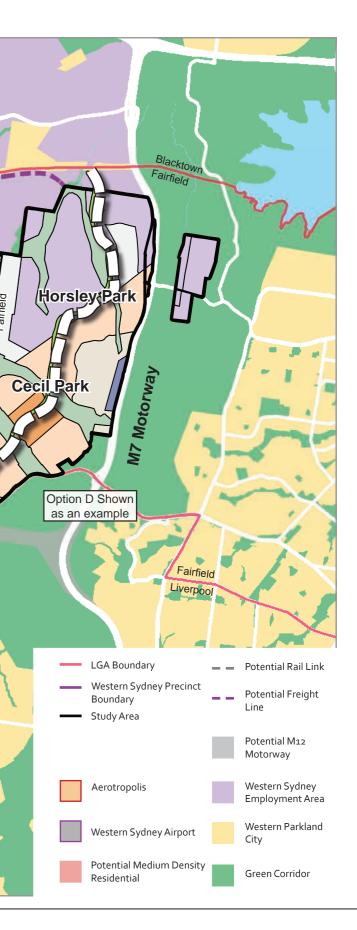
The green boulevard spine incorporates a number of functions both for transport as well as major trunk servicing, potential for dedicated bus or light rail servicing, ecological connectivity and community infrastructure. The boulevard is the core focus of connectivity throughout the UIA and provides the connectivity to the major employment centres in the north and to the south. The primary intent of the road layout is to facilitate a 30 minute city.

# 

Regional Context - Western Sydney Aerotropolis and Airport

Figure 3.1a









## 3.2.1 Transportation

Road hierarchy throughout the precinct has been largely guided by the location of existing road infrastructure as well as existing road reservations where possible. Where road connectivity was not existing roads have been extended along property boundaries to facilitate efficient development scenarios.

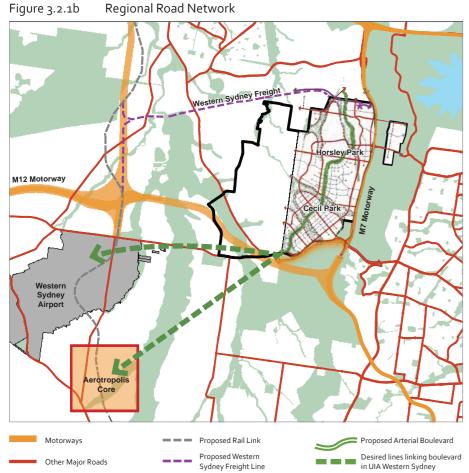
Major roads run in a north/south direction and include the central boulevard and the M7 motorway adjacent to the site. The boulevard is the preferred transport route for private or public transport modes between the UIA and the connections to the primary employment and economic centres of the region. Elizabeth Drive and the M12 Motorway further south provide the regional connectivity to the west.

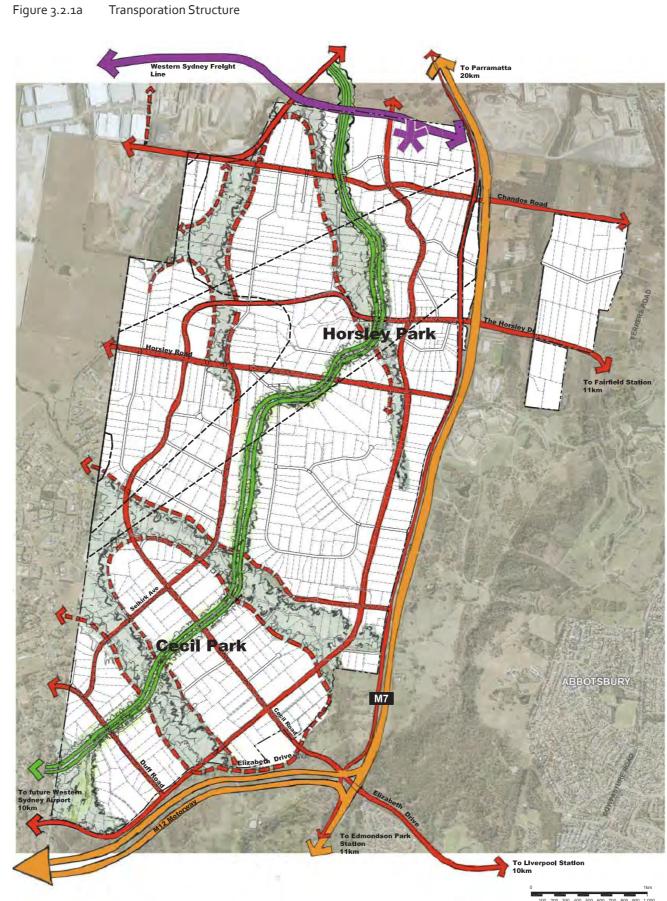
East west connectivity and secondary north south connectivity is provided through a series of collector roads that will primarily service the residents of the UIA and not through traffic.

Local roads have been shown at a high level of connectivity that responds to the existing subdivision patters, topography and open space/green grid opportunities.

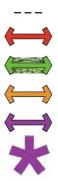
Cecil Park is identified as a future transport node opportunity should a rail connection between the Aerotropolis and Parramatta eventuate.

The boulevard is intended to facilitate bus and or light rail opportunities in the future and collector roads facilitate bus connectivity within the UIA.





#### Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018



Western Sydney Airport ANEC Boundary

Collector Boulevard

Arterial Boulevard

Motorway

Western Sydney Freight Line corridor

Rail Head / Siding

Note: This Option factors in the possibility of a future railway station (on a passenger rail line from Parramatta to the Western Sydney Airport) in Cecil Park. Council will be working with Transport for NSW to gain further clarification on this issue in subsequent stages of work associated with the UIA.

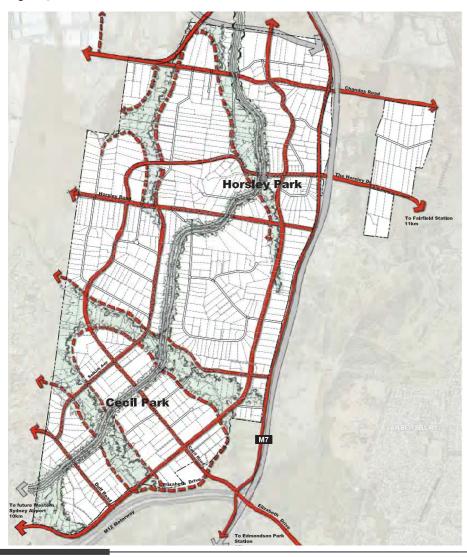


## 3.2.2 Typical Collector Boulevards

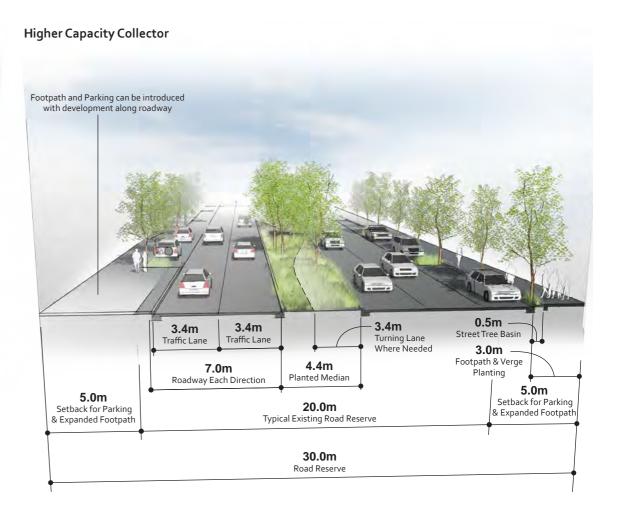
Collector roads within the UIA are intended to facilitate a number of outcomes and be capable of evolving with the development of the region. It is essential the development of the roads is capable of facilitating the current and future needs of the community. Then images in figure 3.2.3a shown the typical range of road typologies that include the following characteristics and can be utilised depending on the required capacity:

- Short term single lane in each direction with parking either side
- Longer term dual carriageway in each direction subject to capacity requirements
- Shared paths
- Water sensitive urban design opportunities
- Street tree planting and vegetated medians

Figure 3.2.2b Arterial Road Structure



0.5m -1.0m 3.4m 2.8m Street Tree Traffic Lane Planted Parking Basin Median 3.0m 6.5m Footpath & Verge Roadway Each Directio Planting 20.0m Typical Existing Road Reserve



Significant Tree Canopy

nopy Embrace Native Vegetation

Water Sensitive Urban Design

Street Parking



## Figure 3.2.2a Conceptual character & size of collector boulevards

## Lower Capacity Collector

Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

#### Verge Planting

Significant Footpaths



CITIES JACOBS

## 3.2.3 Central Arterial Boulevard

The Central Arterial Boulevard is a key differentiator for the UIA. The Central Arterial Boulevard is intended to be the backbone of the UIA and facilitate the following functions:

- Mass transit of private and public transport north-south through the UIA.
- Enhancement of the green grid connectivity.
- Connectivity of active transport routes.
- Active and passive open space including furniture, outdoor gym or activity areas and play areas.
- Opportunities for community facilities, markets or community gardens.
- Shared truck service infrastructure.
- Land preservation for future transport initiatives.



Figure 3.2.4 Bolevard Structure



## rial Boulevard

Figure 3.2.3a Conceptual character & central boulevard

Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018 Bike Paths

Significant Footpaths





CITIES PLACES JACOBS

## 3.2.4 Potential Boulevard Evolution

The Central Arterial Boulevard, as the backbone of the UIA, is envisioned to be capable of evolving over the life-cycle of the city and provide for a number of transport and community functions as required. Initially the boulevard would facilitate primarily vehicle and active transport connectivity. It is intended that open space functions and community needs would evolve in the spaces over time as the development of the UIA progressed and the density of residents demanded additional facilities.

The boulevard is envisaged to facilitate the evolving transport and open space needs of the community in the rapidly growing Western Parklands City.

The central corridor may present opportunities for designated bus lanes or light rail opportunities to transport residents between commercial, residential employment centres.

The central spine of the UIA provides and opportunity to create linkages between civic and social infrastructure such as schools, sporting halls and infrastructure, libraries and other community facilities that benefit from accessibility.

#### Figure 3.2.4b Boulevard Structure



# Figure 3.2.4a Conceptual evolution of central boulevard Flexible green space for recreation Initial Boulevard and community functions Shared service tunnel Facilitates future infrastructure needs Interim Boulevard Fixed community infrastructure can be inserted over time Footpath and Parking can be introduced with development along roadw Potential light rail or Express bus in dedicated lanes Additional community infrastructure Long Term Boulevard Potential can be inserted over tim Landscape verges can transformed into formal WSUD basins Shared service tunnel Facilitates future infrastructure needs



CITIES JACOBS

## 3.3.1 Open Space

The green, blue and recently identified ochre grid have been a significant driver in the development of the structure plan. the provision of passive and active open space as well as the celebration of the riparian zones. Figure 3.3.1a

Open Space Structure

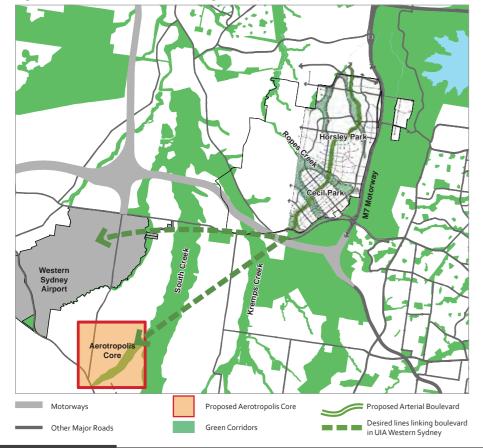
An open space grid has evolved with the connectivity between the riparian zones which also include medium and high flood risk areas and the Central Arterial Boulevard liner park.

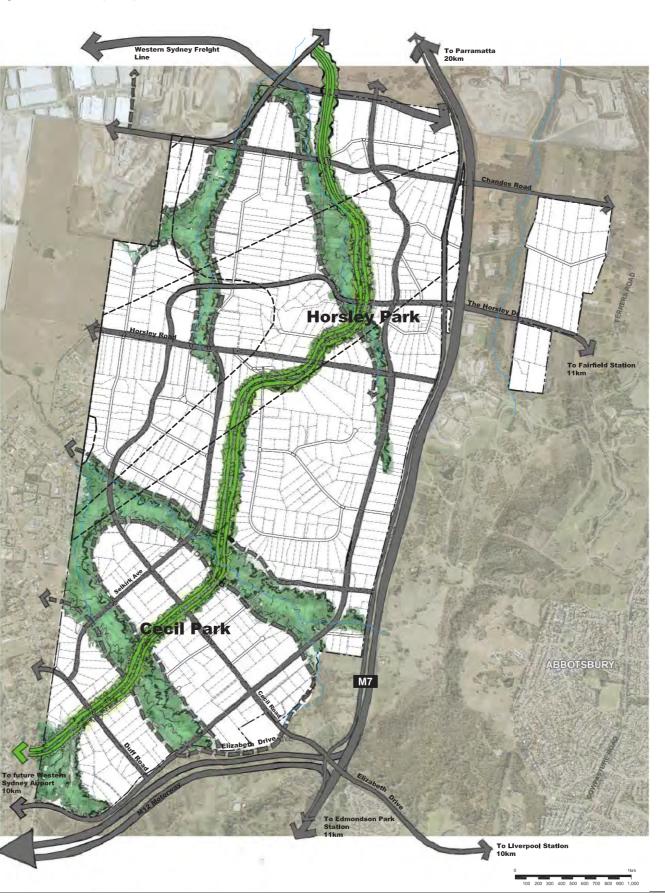
The open space utilisation is recommended to include co-location of community facilities and social infrastructure such as schools, child care centres, sporting halls and other civic infrastructure in strategically located zones outside of flood impacts but whereby the open space characteristics can be utilised.

The extent of the open space zones is subject to detailed design however the intent for the open space has been based on the following characteristics:

- Enhancement of the riparian corridors to facilitate ecological benefits
- Provision of active transport and nature play activities within and adjoining the riparian zones and throughout the UIA.
- Provide consistency and connectivity to open space external to the UIA.
- Connectivity between the riparian zones and the urban environment adjoining
- Facilitation of water sensitive urban design within and adjacent to the riparian zones to mitigate flooding impacts and provide ecological benefits.
- Co-locate active recreation with flood and water management infrastructure.

Figure 3.3.1b Relationship to Regional Open Space Road Network





#### Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018



#### Creek Line

Western Sydney Airport ANEC Boundary

Boulevard

Major Roads



## 3.3.2 Blue and Green Grid

The blue and green grids follow the existing depressions, drainage corridors and defined creeks within the UIA. The existing landscape is well defined with the blue green grids and facilitates the desired outcomes of the Western District Plan and the desired future outcomes of the Western Parkland City.

The green grid is further accentuated with the boulevard which incorporates a linear park. The linear park provides ecological connectivity as well as physical connectivity between the green corridors.

The existing riparian zones shown as the blue and green grids are highly degraded and sparsely vegetation. The structure plan proposes enhancement of the natural environment to perform natural functions including reduction in the heat island effect as well as manage stormwater within the urban environment.

It is intended that the blue and green grids evolve with the development of the UIA for urban purposes to provide a significant attraction and feature of a high amenity urban environment.

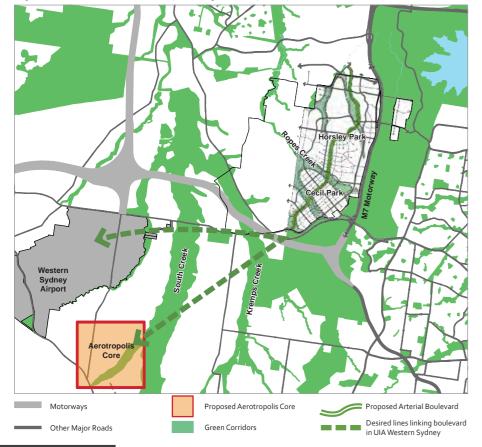
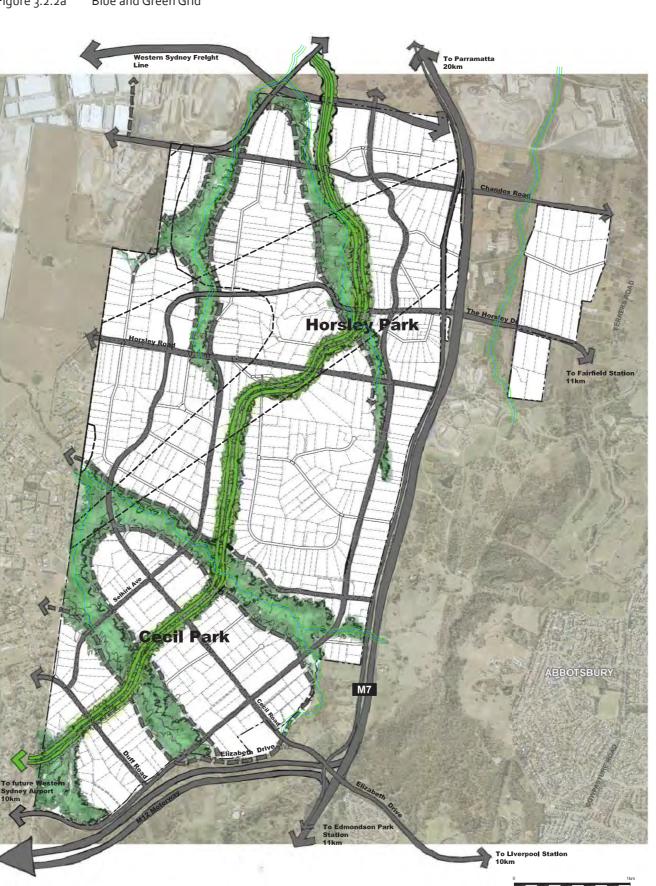


Figure 3.3.2b Relationship to Regional Open Space Road Network



Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

#### Figure 3.2.2a Blue and Green Grid



Creek Line Creek 40m setback Western Sydney Airport ANEC Boundary Boulevard Major Roads



## 3.3.3 Open Space Corridors

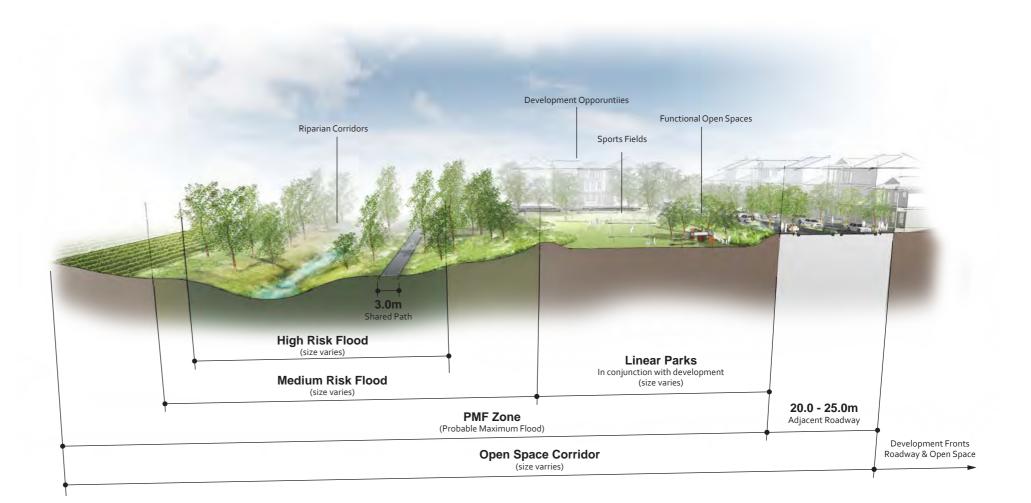
Open space corridors throughout the precinct are generous however this does not directly reflect development potential. The open space corridors width are variable and dependent on local characteristics including topography and flood risk management.

Figure 3.3.3a

Typical Open Space Corridor

The intent of the open space corridor is to retain the riparian zone, high flood risk zone and the medium flood in the open space corridor. The open space corridor may be suitable for activities that can respond to flooding such as active and passive open space, market gardens or agricultural land uses, water sensitive urban design, local and regional flood mitigation infrastructure and other potential land uses that can coexist with flood events.

the areas within the low flood risk and possible maximum flood risk area may be development in consideration of the potential impacts of these uses. this may include commercial, industrial and residential land uses with appropriate flood resistant design integrated in into site planning.





Water Sensitive Urban Design Significant Footpaths



CITIES JACOBS

## 3.4.1 Potential Land Uses

Figure 3.4.1b

The structure plan has been evolved to capture the historical character of Cecil Park and Horsley Park. With the significant enhancement of the green grid and open space brings opportunities for increase densities where connectivity to employment and major road infrastructure is convenient.

The following section describes the land use characteristics of the Structure Plan and how these land uses, densities and formation paint the evolving vision that is envisaged for the UIA.

 Vester synter redt
 orser Bar

 Vester Synter Teget
 orser Bar

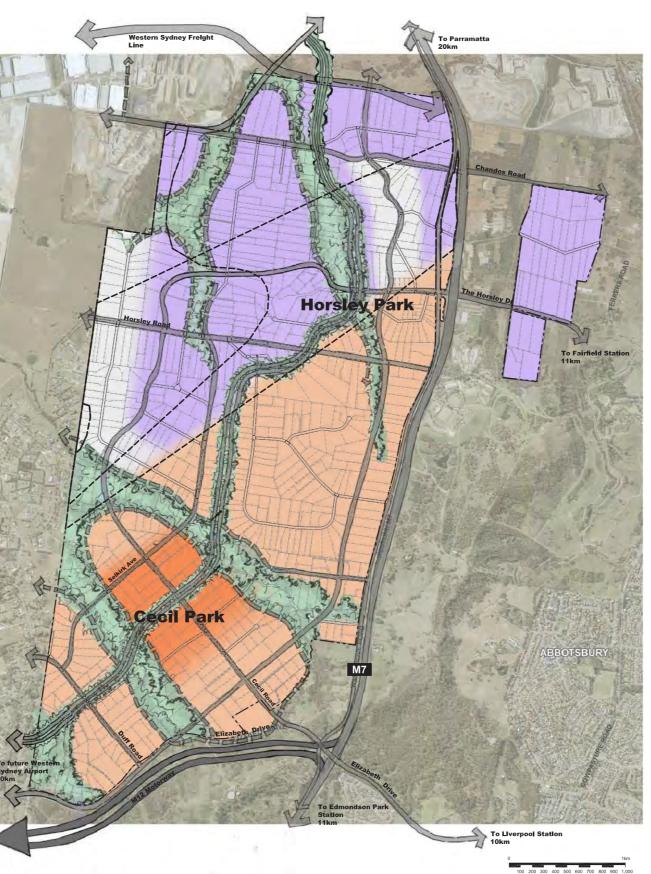
 Vester Synter
 orser Synter

 Vester Synter
 orser Synter

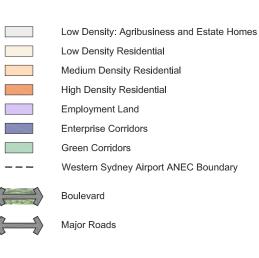


Figure 3.4.1a

Example Land Use Option



#### Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018



Note: This Option factors in the possibility of a future railway station (on a passenger rail line from Parramatta to the Western Sydney Airport) in Cecil Park. Council will be working with Transport for NSW to gain further clarification on this issue in subsequent stages of work associated with the UIA.



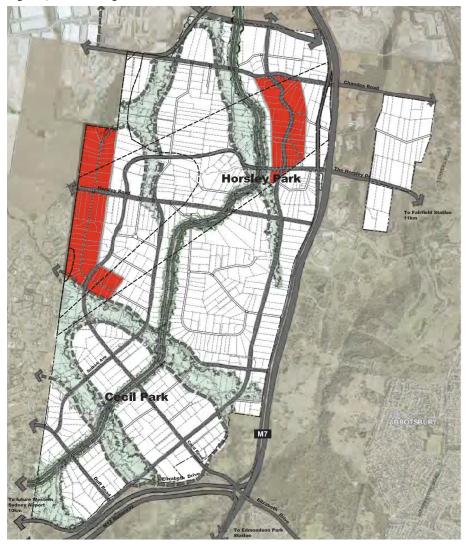
## 3.4.2 Agribusiness and Estate Homes

Located on prominent ridge-lines, across steeper slopes and within the ANEC contours agribusiness and estate homes are encouraged to be retained. There are a number of large dwellings in prominent positions within these areas currently as well as existing agricultural land uses.

These areas are not identified as suitable for higher density employment opportunities due to topography and visual prominence in the landscape but facilitate and evolving semi rural estate character to be retained within the region

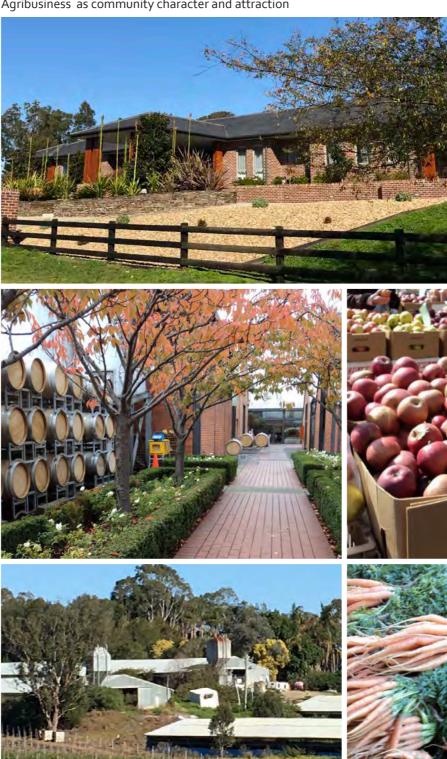
The retention of some elements of the existing strong agricultural links within the region is viewed as valuable and facilitates the use of land within the ANEC whereby high density residential development is not preferred.

Agribusiness and Estate Homes Figure 3.4.2b



Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

Agribusiness as community character and attraction







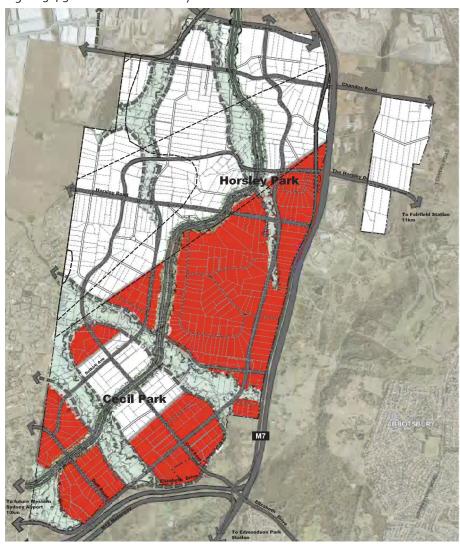
## 3.4.3 Medium Density Residential

Medium density urban form is the primary density driver in the Structure Plan. With significant portions of the UIA identified as not suitable for residential development or identified as not preferred for residential development (within the ANEC Contours as per Fairfield City Council guidance on this process), medium density urban form is identified as a suitable method of achieving higher yields while retaining a suburban character.

Medium density housing come in a number of forms that can be encouraged based on local character preferences throughout the UIA. The preferred outcome is for human scale residential streets that provide a high level of amenity and create density that facilitates public transport investment and open space patronage.

It is envisaged that a range of housing forms within the medium density zone may include villas, terraces, townhouses, dual occupancies, studio dwellings and low scale residential apartment buildings. This range is intended to facilitate a range in affordability and lifestyle options for future residents.

#### Figure 3.4.3b Medium Density Residential



Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

#### Development Character











## 3.4.4 High Density Residential

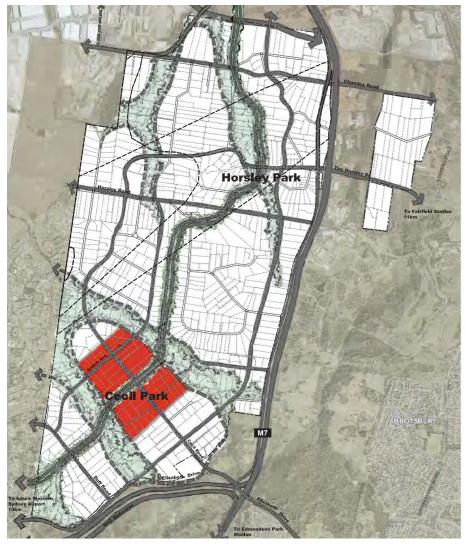
High density residential in Cecil Park promotes the centre of the UIS and the town centre location. Cecil park has convenient access to the adjoining motorways as well as the potential to create a high amenity urban environment with in the Wester Parkland City.

High density residential may range in scale across the precinct with a clear focus on the public domain and transport movement. There is potential to split the boulevard around the town centre to create a larger town centre where the main through traffic bypasses the town centre and concentrating pedestrian accessibility.

Ground plane activations again is the key aspect of high density environments with walkability to commercial centres, public transport options and open space areas.

The scale of the high density development in this location provides an opportunity for value capture in the future should a rail line option from Paramatta to the Aerotropolis eventuate (to be further investigated).

High Density Residential Figure 3.4.4b



Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

Development Character









## 3.4.5 Town Centres

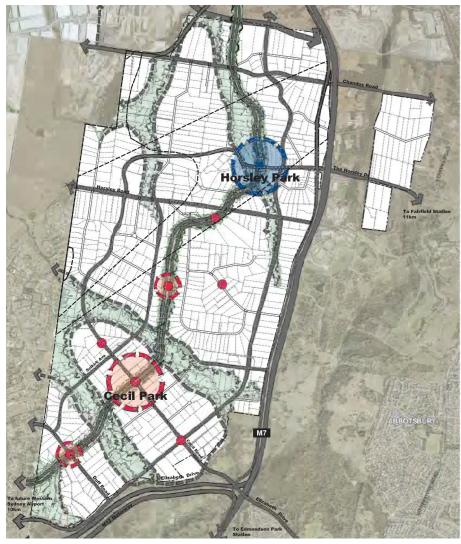
The town centres are focused along the boulevard spine. They vary in size and serviceability with the primary commercial centres in Cecil Hills and Horsley Park to service the employment lands to the north.

A number of smaller neighbourhood centres are scattered within the residential lands to cater for the local needs of the residents. The location of these smaller centres are anticipated to evolve as demand for these centres is realised and the UIA is developed.

Cecil Park is located in the centre of the highest residential density within the UIA and is intended to form a regional centre that services the UIA as a minimum but may service a wider catchment based on further economic analysis in the next stages of this structure planning process.

The character of the town centres is focused around the boulevards with activated street frontages to encourage activity and vibrancy in the community. There may be opportunities for markets, shows, entertainment r other activities to occur within the town centres.

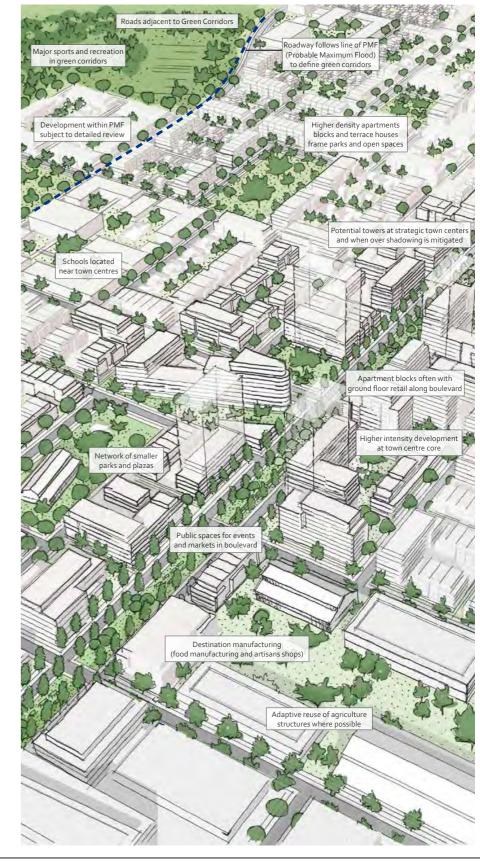
#### Figure 3.4.5b Town Centres



Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

**Development Character** 







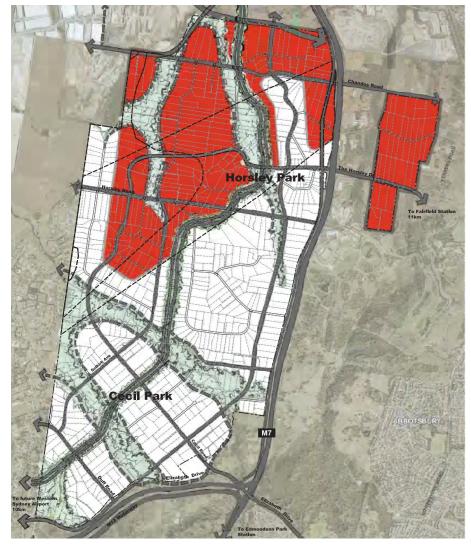
## 3.4.6 Employment

The employment zone that borders the northern boundary with the Western Sydney Employment Area is envisaged to be development in an adaptable fashion. The restriction on residential land uses within the ANEC contours, as advised in the Western Sydney Aerotropolis Land Use Implementation and Infrastructure Plan, is dependent on the utilisation of a future second runway for the Western Sydney Airport. The development of the industrial area is recommended to be in consideration of the adaptability of the structures and layout that may facilitate alternative uses in the future.

The preferred character of the employment zones is to maintain a rural and industrial style feel as shown in the character images. The development of new buildings with modern technology and uses but give the character or a semi agricultural environment. This is of particular relevance to the keyhole lands.

Further subdivision of the employment land is also discouraged to further facilitate the evolution of the city in the future as the airport and Aerotropolis come to fruition.

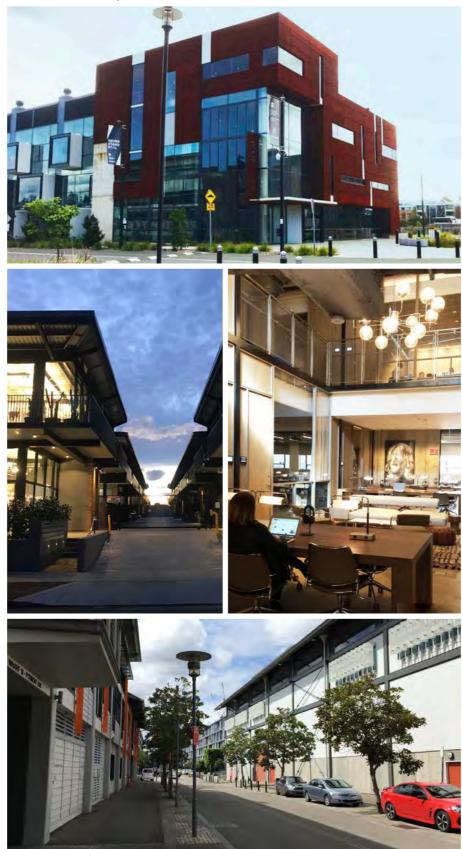
Figure 3.4.6b Employment

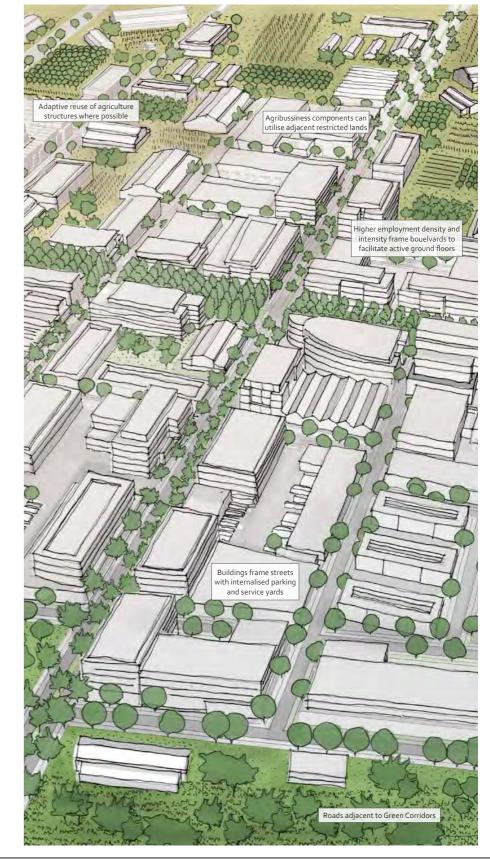


Horsley Park and Cecil Park Urban Investigation Area Urban Capability Assessment Draft Structure Plan Options - November 2018

#### Development Character

#### Character of Development







# 4. Next Steps

The overall objective the Stage 2 draft SPO has been prepared to evolve an understanding of the location and extent of future urban development within the UIA in light of the findings of work associated with the Stage 1 Urban Capability Assessment. The Structure plan has created board development scenarios within the various precincts relating to residential land uses, employment land use and open space corridors.

The Horsley Park and Cecil Park Urban Draft Structure Plan Options will be placed on public exhibition. As part of the notification Process Fairfield City Council will liaise with infrastructure providers and key government stakeholders with the intent of determining the infrastructure provision, staging and funding to facilitate the development of the UIA.

Following public exhibition, Fairfield City Council will take on board and review feedback received before progressing to more detailed planning and zoning process. To inform the next phase of the process following notification further detailed investigations may be required to enable land use zones to be applied across the UIA. The following assessments have been identified as part of Stage 1 and Stage 2 that may be required to facilitate the land use zoning phase:

- Place Based Business Case
- Economic Assessment
- Social Impact Assessment
- Traffic and Transport Assessment
- Open Space Corridor Rationalisation
- Infrastructure Feasibility Assessments
- Flood Assessment

88885

Cultural Heritage Assessments



