

Merrylands Neil Street Precinct



Development Controls

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1 Introduction

At its meeting on 20 October 2015, Council resolved to place the proposed amendments to Part M of the Holroyd Development Control Plan (DCP) 2013 on public exhibition. These development controls have been prepared following a Gateway Determination as received from the NSW Department of Planning and Environment (DP&E) in respect of the planning proposal to rezone and amend the maximum height of buildings and maximum floor space ratio controls of land in the Neil Street Precinct, Merrylands.

The proposed amendments to the development controls are the result of an urban design review undertaken for the Neil Street Precinct, including refinements to the Structure Plan to reflect pre Development Application discussions and approved developments within the Neil Street Precinct. The amendments to the development controls are also undertaken to support the amendments to the Holroyd Local Environmental Plan (LEP) 2013.

These development controls provide a framework to guide future development in the Neil Street Precinct. The document specifies the built form controls for all development with the Precinct, and sets in place urban design guidelines to achieve the vision for Neil Street Precinct as stated under Section 2.2.

Land to which these Controls Apply

1.1

Relationships to other Instruments

1.2

1.3

These development controls apply to Merrylands Neil Street Precinct, shown edged in heavy black on Figure 1.

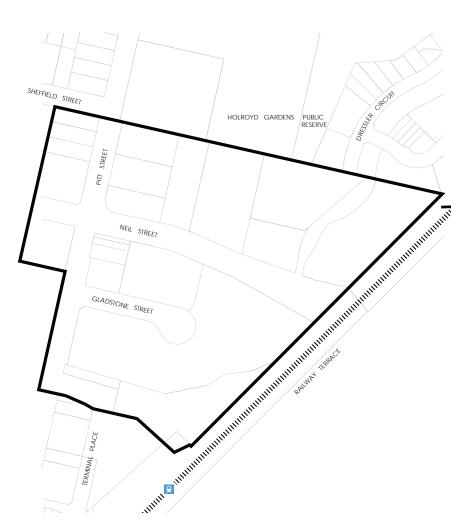


Figure 1 - Merrylands Neil Street Precinct Boundary

Holroyd Development Control Plan (DCP) 2013 is amended by inserting these controls in Part M - Merrylands Centre Controls.

These development controls will replace all controls relevant to only the Neil Street Precinct within DCP 2013 - Part M.

Merrylands Neil Street Precinct

In the event of any inconsistencies between these controls and any other provisions of the DCP, the provisions in this section prevail in so far as the extent of the inconsistency.

2 Merrylands Neil Street Precinct Strategy

2.1 Aims and Purpose

The purpose of this Part is to provide objectives, controls and design criteria to achieve desirable development outcomes consistent with Council's vision for the Neil Street Precinct (the Precinct). This Part also includes Block specific objectives where applicable for the developments sites identified within the Precinct. Where objectives are not specified for a Block, the overall objectives for the Precinct should be followed.

The aims of this Part are:-

- 1. To ensure the Precinct will be characterised by a high-quality, well-designed and safe environment.
- 2. To create an urban structure that will:
 - a. Promote a balance of residential and commercial uses within the Precinct.
 - b. Provide a transition from the more intense development near the Train Station to peripheral areas along the Holroyd Gardens.
- 3. To create an access network that will:
 - a. Provide a safe and convenient pedestrian environment that will encourage social interaction and encourage public transport use.
 - b. Promote greater connectivity and integration between land uses and the Train Station.
 - c. Create additional Streets that will:
 - i. Reduce pressure on Pitt Street.
 - ii. Provide new opportunities for business .
- 4. To create an open space network that will:
 - a. Include a network of diverse active and passive recreational spaces to support the residential and working population of the Precinct.
 - b. Provide safe, accessible, sustainable, well-used and designed open-space network.

2.2 Vision

The Precinct is envisioned to be characterised by a high-quality, well designed, safe and liveable environment within walking distance to Merrylands Railway Station, which is the main transport hub for the area. Properties along Pitt Street and the future development along New Road 1 will support a mix of retail, commercial office/business and residential functions.

Urban design objectives are:-

- To enhance connectivity within the Neil Street Precinct and with the surrounds.
- To maintain and develop spaces that encourage social interaction for all people, which will contribute to people's sense of place.
- Integrate the management of stormwater and floodwater into the design of public open space to establish an adaptable public domain capable of accommodating a broad range of uses, experiences and activities, while still maintaining its primary function of overland stormwater drainage.
- To promote the "green and leafy" character associated with established trees within Holroyd Gardens.
- To maintain the sense of spaciousness created by the lower density built form and Holroyd Gardens to the north through the extensive network of private and public open space areas.
- To provide appropriate interfaces to surrounding residential and open space areas.
- To improve the visual quality of the Sydney Water Concrete Culvert by incorporating landscaping to soften the appearance which will not only provide a sustainable drainage system but also enhance the recreational value of the Precinct.

3 The Structure Plan

Desired Future Character 3.1

Neil Street Precinct Character Statement

Neil Street is characterised by accessibility to the Holroyd Gardens to the north, Merrylands Centre to the west, Merrylands Train Station to the south, the Neil Street Park and the overland flow path recreational open space. The accessibility of Precinct is enhanced by the proposed extension of Sheffield Street to the north, proposed New Road 1 and New Road 2 and the various potential mid-block connections creating a high level of pedestrian permeability away from the main streets. Pitt Street, which is a regional road, is a significant link between Merrylands and Parramatta. Given the street hierarchy of Pitt Street, it provides an opportunity for it be established as a built form spine with ground level activity to be focused along Pitt Street.

Neil Street is the only entry from the west for the Precinct. Given the street hierarchy, Neil Street provides an opportunity for it to be established as a secondary built form spine where taller buildings can be located.

In addition to residential uses, the Neil Street Precinct is expected to accommodate commercial/retail uses that support and enhance the liveability of the place. Active uses will be located facing Pitt Street, and New Road 1 enhancing the vibrancy of the public domain.

The visual character of certain locations within the Precinct such as the intersection of Neil Street and New Road 1, the intersection of Pitt and Neil Streets, the intersection of Neil Street and the Neil Street Bridge are significant as they provide opportunities to position locational buildings, which will enhance the skyline of the Precinct within the broader Merrylands Centre context (Refer Figure 2).



Figure 2 - Neil Street Precinct Vision

3 The Structure Plan

Urban Structure Plan 3.2

The Structure Plan sets out the broad framework for development within the Neil Street Precinct. It underpins the development controls for the Precinct.

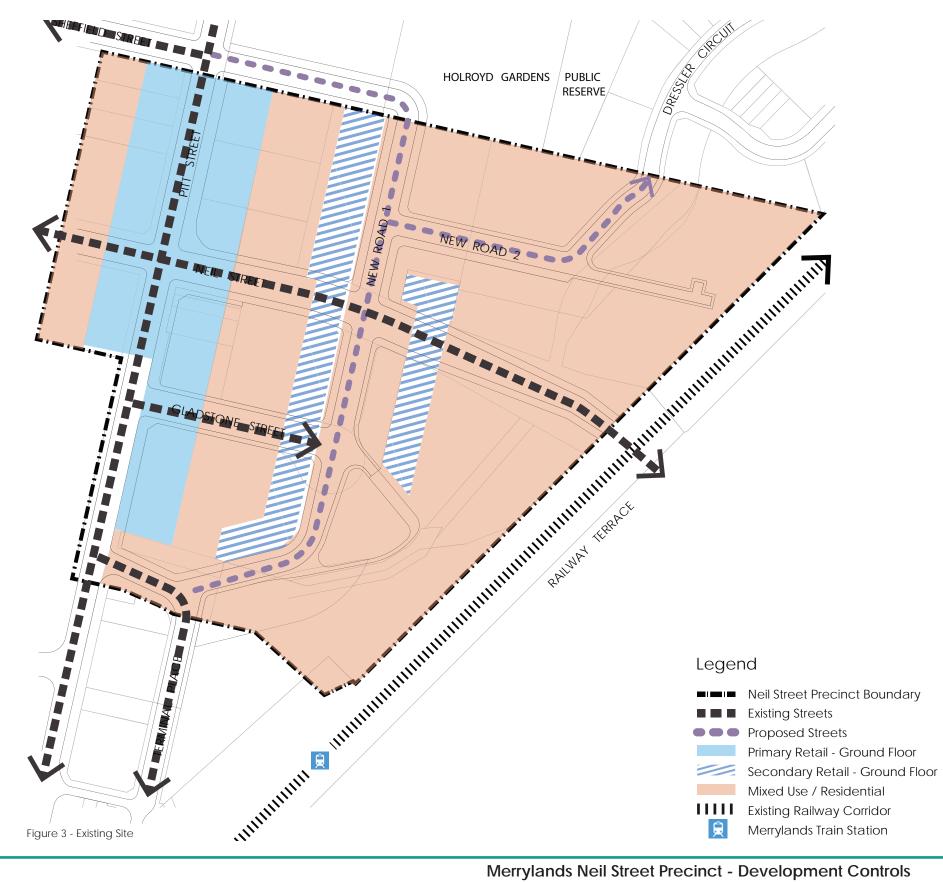
The Urban Structure Plan reflects and builds on the existing land uses and functions within the broader Merrylands Centre to implement the vision for Neil Street as a high-quality, well designed, safe and liveable environment (Refer Figure 3).

The Neil Street Precinct will predominantly include new residential communities while the commercial core will be centred on McFarlane Street and Merrylands Road (Merrylands Centre). Intense development centred within the Merrylands Centre is proposed to transition through Neil Street Precinct to the lower scaled residential areas adjoining the Neil Street Precinct.

The Structure Plan is comprised of three elements:-

- Access Network
- Public Open Space •
- Built Form Network

Development in the Neil Street Precinct must occur within the framework of the Structure Plan objectives and controls, which establishes built form, open spaces and street layout. The synthesis of these elements will strengthen the desired character and connection within the broader area and create the public domain environment within which development can occur.



Street / Access Network 4.1

The Street Network Structure Plan provides a clear hierarchy of street types, including the extension of existing streets and new streets. The street network is made up of the following new streets:

- New Road 1 ٠
- New Road 2

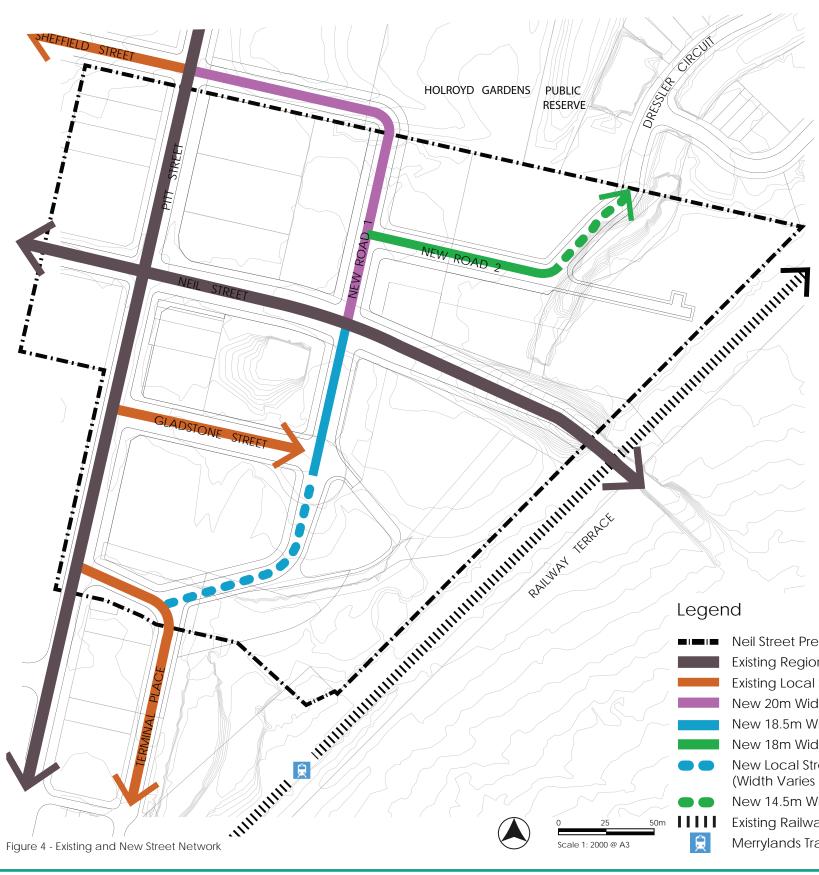
The new roads maximise connections within the Precinct and to surrounding areas and aims to substantially improve pedestrian and cycle paths to enable a more permeable public domain.

Objectives

- To improve pedestrian, cycle and vehicular accessibility within 1. the Precinct and the broader Merrylands Centre.
- To provide a street network that responds to the constraints of 2. drainage, existing development and future subdivision patterns.
- To provide improved access to public open spaces within the 3. Precinct.
- To accommodate increased traffic movement within the Pre-4. cinct and broader Merrylands Centre.
- To provide additional opportunities for on-street parking. 5.

Controls

- Provide new public streets as shown in Figure 4. а.
- Refer to Section 4.3 for detailed information regarding the b. required width, design and location of each street type.
- Setbacks along streets are to be provided in accordance with С. Section 8.
- d. The width of footpaths shall be maximised for comfortable pedestrian movement; to facilitate tree planting and where bike routes exist, to allow cycling off road.
- Streets are to be planted with trees appropriate in character e. to reflect the street hierarchy and in consultation with Council's landscape architect.
- New streets are to be dedicated to the Council. New streets are f. to be maintained by the landowner until dedicated to Council.
- Land owners within the Precinct to consult Council's engineers g. for detail infrastructure works



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■ ■ ■ ■ Neil Street Precinct Boundary Existing Regional Roads Existing Local Streets New 20m Wide Local Street New 18.5m Wide Local Street New 18m Wide Local Street New Local Street (Width Varies - Min. 15m) New 14.5m Wide Local Street **Existing Railway Corridor** Merrylands Train Station

Connectivity 4.2

Through site links, arcades, visual and pedestrian/cycle connections have been established to enhance the connectivity and permeability of the Precinct and include the following (Refer Figure 5):

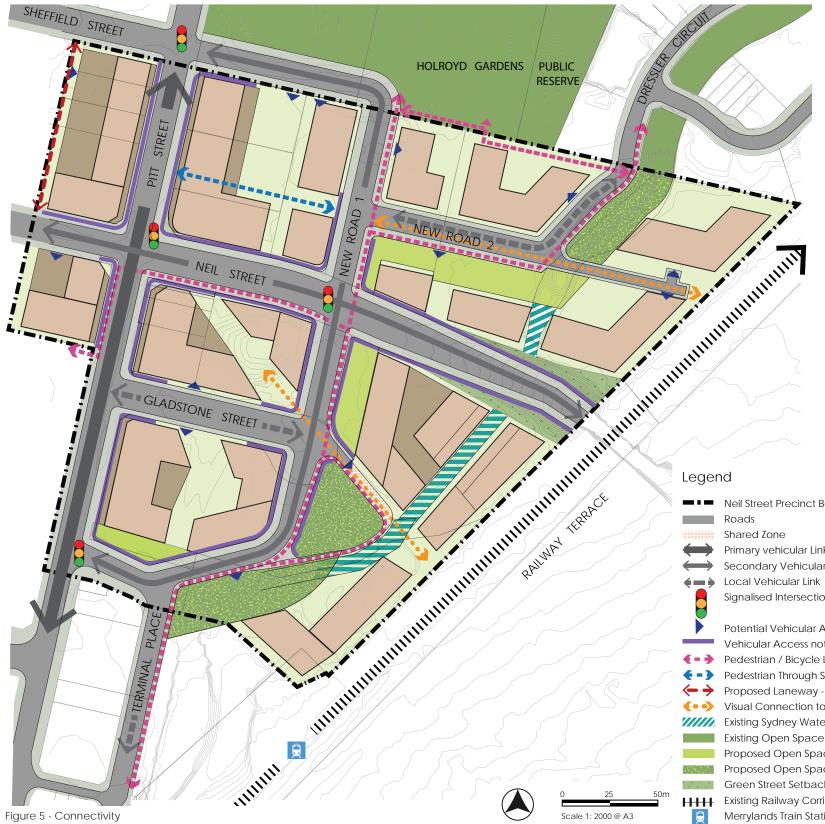
- A new pedestrian link along the northern boundary of the Precinct ٠ providing a direct link between Dressler Circuit, Holroyd Gardens and Sheffield Street.
- An east-west visual connection from New Road 1 to the Railway Corridor to the east.
- An arcade (pedestrian through site link) linking New Road 1 to Pitt • Street.
- A through site link is proposed as an extension of New Road 2 to • the west linking New Road 1 to Pitt Street.
- A north-south through site link connecting Neil Street to Sheffield • Street at the Precinct boundary.

Objectives

- To ensure pedestrian ways, through-site links and arcades are 1. accessible, continuous, well lit, safe and supported by active retail uses.
- To encourage development that expands and enhances the 2. Merrylands Centre public domain.
- To promote pedestrian activity and contribute to the vitality of 3. the Precinct.

Controls:

- Provide through-site links and pedestrian ways as indicated in а. Figure 5.
- Through-site connection and arcade must: b.
 - Provide a clear sight-line from one end to the other for i surveillance and accessibility, in mid-block locations.
 - Have a minimum width of 12m. ii.
 - iii. Extend and enhance the public domain and have a public domain character.



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eil Street Precinct Boundary mary vehicular Link econdary Vehicular Link gnalised Intersection

tential Vehicular Access ehicular Access not Permitted edestrian / Bicycle Link edestrian Through Site Links oposed Laneway - Private sual Connection to be Maintained isting Sydney Water Concrete Culvert isting Open Space oposed Open Space oposed Open Space Passive Recreation een Street Setback isting Railway Corridor Merrylands Train Station

- Be designed to consider pedestrian safety and the security iv. of adjacent businesses, particularly at night.
- Public use of through-site connections should be available at С. least between the hours of 7.00am to 7.00pm daily.
- Connections through foyers and shops are encouraged. d.
- Consider supplementary arcades and through-site connections, e. with outdoor areas such as courtyards or outdoor rooms.
- Vehicular entry points are not permitted along Pitt Street, Neil f. Street and New Road 1 south of New Road 2.

4.3

4.3.1 New Road 1

Streets

The width of New Road 1 varies between 15m at the Terminal Place intersection to 20m at the Holroyd Gardens interface. These widths are based on the predominant use and the intensity of the existing patterns of access, circulation and movement within the Merrylands Centre and the particular topographic conditions across the Precinct.

New Road 1 is intended to ease the traffic pressure from Pitt Street. To achieve greater amenity for pedestrian and cyclist movement in the public domain:

Controls:

- Buildings are not permitted to be located on any proposed а. street and are required to be setback from streets (Refer Section 8 for street setbacks).
- Lighting, paving, street furniture, landscaped setbacks and tree b. planting are to be provided following consultation with councils landscape officers.
- New Road 1 is to be provided in accordance with Figures 4, 7, C. 8 and 9.

4.3.2 New Road 2

The width of New Road 1 varies between 18m at the intersection of New Road 1 to 14.5m at the Holroyd Gardens interface.

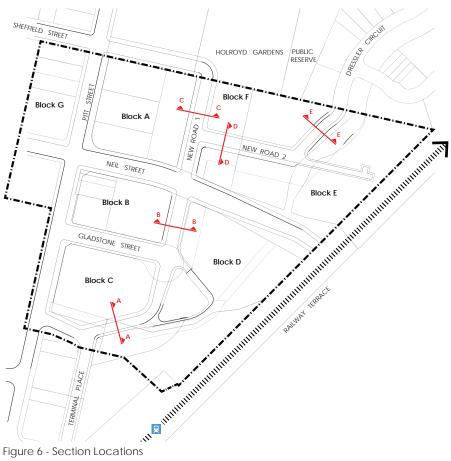
Controls:

New Road 2 is to be provided in accordance with Figures 4, 10 a. and 11.

4.3.3 Neil Street and Pitt Street

Controls:

- A 3m x 3m splay corner to be provided at the corner of Neil and a. Pitt Streets (Affected lot - 185 Pitt Street)
- A 0.65 road widening to be provided along Pitt Street at 185 Pitt b. Street to incorporate a cycle path.



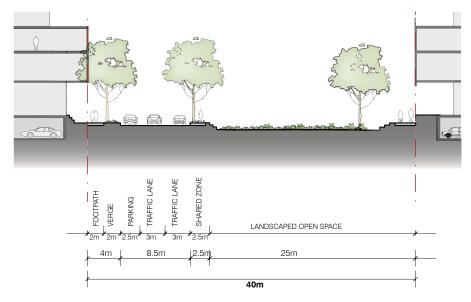
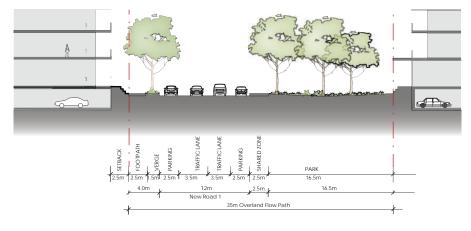
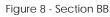
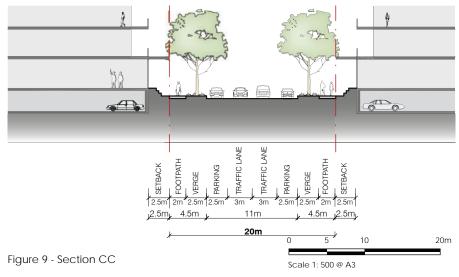
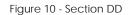


Figure 7 - Section AA









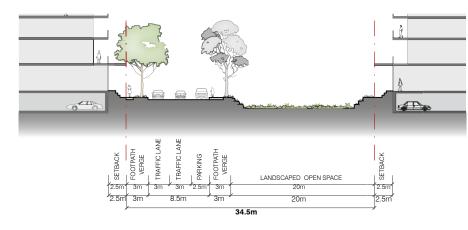


Figure 11 - Section EE



Figure 12 - Pennsylvania Avenue Washington DC - Desirable active street frontage

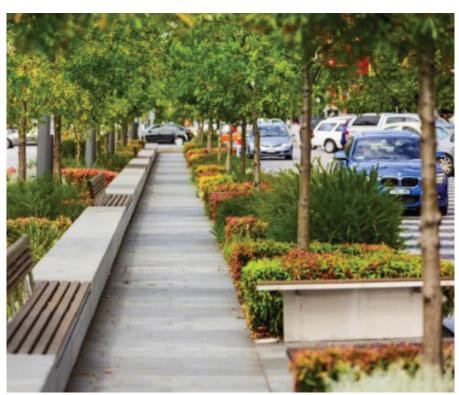


Figure 13 - Lonsdale Street, Dandenong - Pedestrian amenity along New Road 2 (Source: au.printerest.com)



Figure 14 - Street Design Ottawa - Desirable shared zone - New Road 2 *(Source: au.printerest.com)*

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5.1 **Open Space Network**

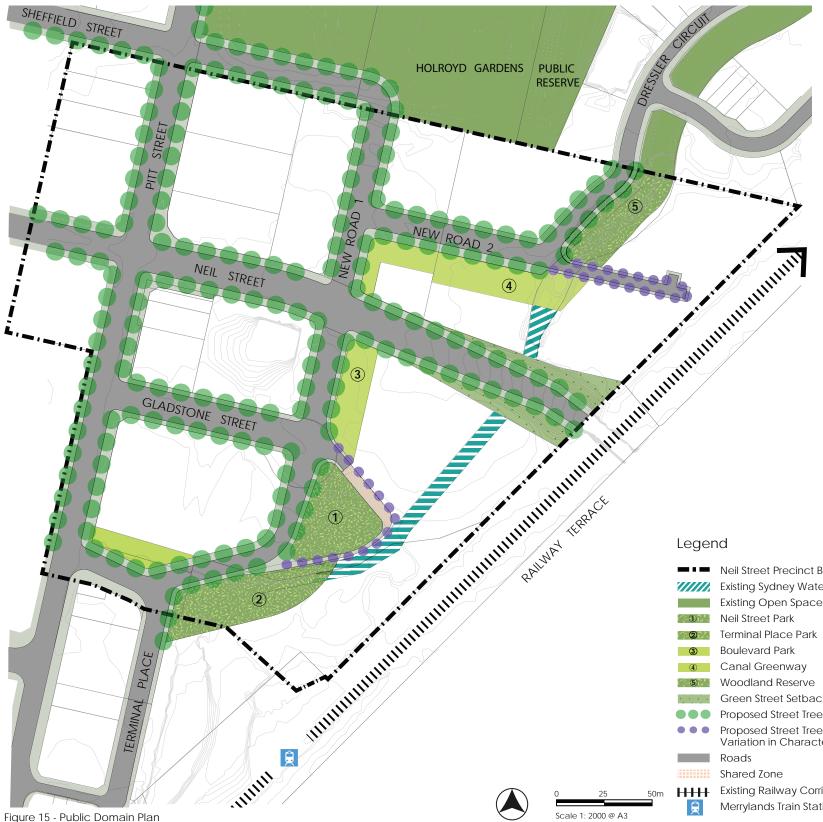
The Public Open Space Structure Plan creates a new open space network that will enhance the aesthetic and environmental quality of the Precinct (Refer Figure 15). The open space network contributes to the pedestrian and cycle connections, addresses water quality and overland flow and provides informal gathering and recreational space.

Objectives:

- To provide additional open space within a network of well con-1. nected parks and green streets.
- To provide consolidated open spaces and open space corri-2. dors.
- To accommodate a range of active and passive recreational 3. uses.
- 4. To contribute to stormwater and ecological management.
- To maximise the accessibility of public open space, and contrib-5. ute to the pedestrian and cycle network.
- To provide appropriate amenity, solar access and shelter across 6. a range of uses.

Landscape Design

- Public open space is to contribute to the development of a а. continuous canopy of native vegetation to encourage native fauna habitat.
- Public open space is to provide for deep soil planting, and shall b. have no carparking or access underneath.
- Public open spaces should have clear pedestrian movement C. routes, seating and zones of activities that are clearly defined and encourage use.
- d. With the exception of Neil Street Park and pathways, the character of the public open space shall primarily be a softlandscaped area.
- The design, including paving material and furniture generally e. should be consistent with adjacent footpaths and/or Merrylands Centre design.
- Landscape design shall be compatible with the flood risk. f.
- Trees and understorey planting to comply with Crime Prevention g. Through Environmental Design (CPTED) principles.



		Neil Street Precinct Boundary
		Existing Sydney Water Concrete Culvert
		Existing Open Space
	(Dir	Neil Street Park
	<u>(</u> 2)/	Terminal Place Park
	3	Boulevard Park
	4	Canal Greenway
	~~ 5 1/\	Woodland Reserve
	• • • •	Green Street Setback
	$\bullet \bullet \bullet$	Proposed Street Trees
	•••	Proposed Street Trees Providing Variation in Character of Landscape
		Roads
		Shared Zone
m	+++++	Existing Railway Corridor
	泉	Merrylands Train Station

Solar Access

As a general rule, at least 50% of the public open space shall h. have access to sunlight between 9.00am and 4.00pm at the winter solstice.

Accessibility and Connectivity

Public open space is to be accessible from a variety of points within the wider public domain of Merrylands Centre.

Diversity of Uses

Buildings with zero setback to open spaces are to contain active uses for the full extent of the ground floor.

Safety and security

- All public open space is to be designed to be in accordance k. with CPTED principles, in particular with regard to the following:
 - Open sightlines and landscaping that allow high levels of a. public surveillance by users and residents;
 - Clear distinction between private and public open areas; b.
 - External lighting (in accordance with Australia Standards C. AS1158 - Road Lighting) which makes visible potential 'hiding spots'; and
 - Entrances to areas of public open space that encourage d. pedestrian use and provide visual security through the establishment of clear sightlines.

Provisions

- **Neil Street Park** 1.
- **Terminal Place Park** 2.
- **Boulevard Park** 3.
- **Canal Greenway** 4.
- Woodland Reserve 5.

5.2

Design Criteria for Public Open Spaces

Neil Street Park

Neil Street Park lies at the southern end of New Road 2. Its principle purpose is to serve as the major recreation space for the Precinct. It will provide a civic focus for gathering/events and work-based lunchtime breaks. It will be robust in landscape expression and largely defined by built form (Refer Figure 16).

Objectives

- To act as the primary soft landscaped resource for the Precinct. 1.
- 2. To use the design of public domain elements and furniture, and the surface materials to create a distinctive character.
- To be adoptable as a performance space with informal seating 3. areas.

Desired Character

- Activation of ground floor commercial uses along New Road 2 and development to the north.
- Create a sense of place (Refer Figure 17). ٠

Controls:

- Provide a minimum 1,500sqm public open space Neil Street a. Park as shown in Figure 19.
- Neil Street Park is to be in public ownership. b.

Terminal Place Park

Located at the southern end and along New Road 1, Terminal Place Park provides a transition space between the predominantly residential Precinct and the Merrylands Centre. The principle aim is to provide seating and shade for passive reaction in the vicinity of the train station (Refer Figure 20).

Objectives

- To provide additional resource to the local residents and com-1. muters.
- To reinforce a sense of safety for the community by providing 2. appropriate lighting and directional signage.



built form (Source: au.printerest.com)



Figure 17 - Artist impression Sheas Park - Green Square, Sydney. The overland flow path designed as a space for passive recreation and pedestrian link. (Source: www.landcom.com.au)

Figure 16 - Pennsylvania Avenue Park, Washington DC - Public open space defined by

To provide sufficient furniture such as bins, seats, lighting and bi-3. cycle parking in appropriate locations.

Desired Character

- Predominantly soft landscape with hardscape elements to accommodate seating and public art.
- Open lawn areas for passive recreation (Refer Figure 20).

Controls:

Provide a minimum width of 25m as shown in Figure 19. a.

Boulevard Park

Boulevard Park lies along the eastern edge of New Road 2 Between Gladstone and Neil Streets.

Objectives

1. To provide a passive recreational space for surrounding development.

Desired Character

- Activation of ground floor retail/commercial edge to the ٠ east and western edge of New Road 2.
- Design should reflect the desire line to Holroyd Gardens. ۰

Controls:

Provide a minimum width of 16.5m as shown in Figure 19. a.

Canal Park

Canal Park lies along the southern edge of New Road 2 and wraps around the eastern edge of New Road 1.

Objectives

To continue the "green link" of the Precinct and prove a leafy 1. setting to the predominantly residential use of the area north of Neil Street.

Desired Character

- Soft landscaping integrating where possible the Sydney Water Canal corridor.
- Ability to accommodate passive recreation. .
- Planting of endemic and cultural species.

Controls:

Provide minimum widths as shown in Figure 18. b.

Woodland Reserve

Canal Park lies along the eastern edge of New Road 2. The principle aim is to provide a connection both visual and physical, being the location for major cycle and footpath links at the local level.

Objectives

To provide a green link to A'Becketts Creek and the riparian cor-1. ridor to the north and the new Neil Street Precinct landscape network.

Desired Character

- Accommodate range of experiences and activities including informal walking tracks and seating (Refer Figure 25).
- Continue the natural woodland character of the existing A'Becketts Creek to the north with planting of indigenous native species.
- Low maintenance, robust plant species and finishes.

Controls:

Provide minimum widths as shown in Figure 18. а.







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Figure 20 - Lakeshore East - Chicago: Combination of overland flow path and passive recreational space. Terminal Place Park character. (Source: au.printerest.com)



Figure 21 - North Carolina Museum of Art detention basin converted to wetland (Source: surface678.com/north-carolina-museum-of-art-pond-4)



Figure 22 - Melbourne Docklands - Overland flow path as a passive recreational space.

(Source: www.aecom.com.au)

(Source: au.printerest.com)



Figure 23 - Bioswale amphitheatre, Manassas Park Elementary School, Virginia, USA. (Source: americaninstituteofarchitects.com/top10projects)



Figure 25 - Woodland Park. (Source: au.printerest.com)



Figure 24 - Central Park Sheffiled, UK. Boulevard Park character.

BUILT FORM 6

Built Form Network 6.1

Built Form Structure Plan Principles

One of the principle urban design strategies which guided the built form structure plan for the Merrylands Centre was to provide height transition from the lower scale residential buildings to the higher scale buildings on Merrylands Road and Mcfarlane Street.

The Built Form Structure Plan builds on the strategies established for the Merrylands Centre and focuses on the character and height distribution of built form within the Neil Street Precinct. This structure supports the density controls contained within LEP 2013.

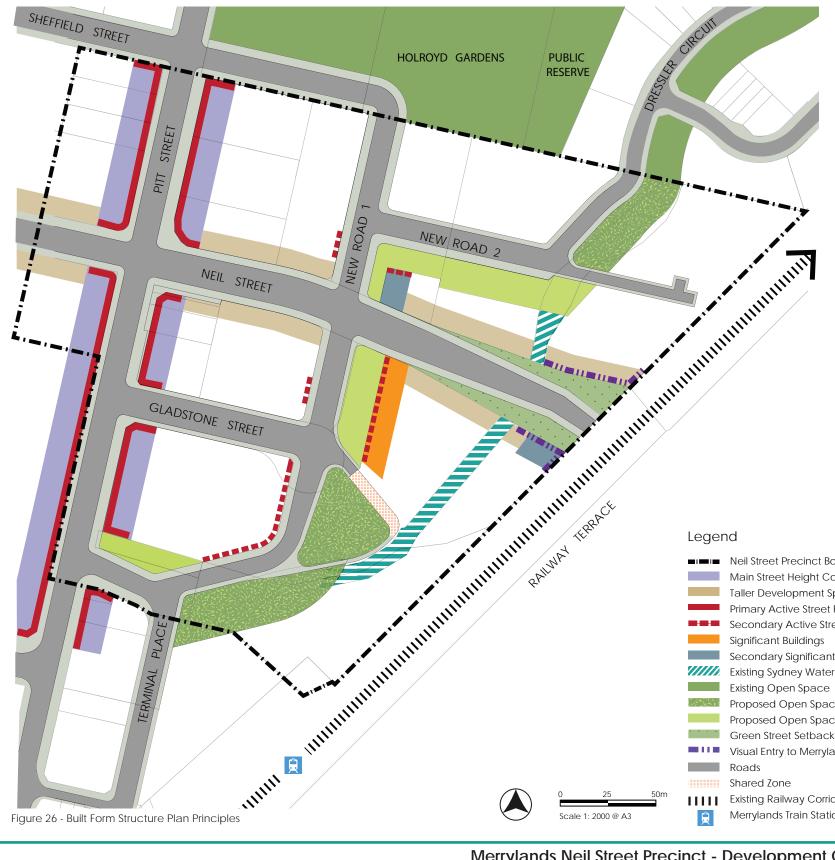
The taller built elements have been strategically arranged along major streets and adjacent to the open space network, defining the edge of the overland flow path/green corridor.

Opportunities for taller buildings have been identified. These sites spatially locate important places within the Precinct such as key entry point and parks (Refer Figure 26). The taller buildings are intended to be distinct from their lower scale surrounding and provide visual reference and urban legibility. The visual impact of the proposed increase in heights has been analysed in relation to the broader context of the Merrylands Centre.

The principal tower is located adjacent the Neil Street Park and in proximity to the Neil Street Precinct entry off the Neil Street Bridge. The secondary towers are located on the east-west development spine at significant locations.

The important street corridor of Pitt Street is reinforced by consistent height and street setback. Within the street network opportunities for active frontages have been identified and controls provided for the specific relationship between buildings and the street in these locations.

Location of active street level uses are identified adjacent to the green link.



		Neil Street Precinct Boundary
		Main Street Height Corridor
		Taller Development Spine
		Primary Active Street Frontage
		Secondary Active Street Frontage
		Significant Buildings
		Secondary Significant Buildings
		Existing Sydney Water Concrete Culvert
		Existing Open Space
	- tail	Proposed Open Space Passive Recreation
		Proposed Open Space
	• • • •	Green Street Setback
		Visual Entry to Merrylands
		Roads
		Shared Zone
n	11111	Existing Railway Corridor
	良	Merrylands Train Station

BUILT FORM 6

Built Form Structure Plan

The Built Form Structure Plan is a broad, long term plan to guide changes in built form and provide clear direction about preferred locations of buildings within developments and building separations. The building footprints indicated on Figure 27 represent the preferred building configuration. Buildings are to be designed in accordance with Section 8 – Site Specific Controls.



		Neil Street Precinct Boundary
		Indicative Building Footprint
		Indicative Podium Footprint
	\longleftrightarrow	Building Separation (Refer to Section 8 for Details)
		Existing Sydney Water Concrete Culvert
		Existing Open Space
		Proposed Open Space
	化记忆	Proposed Open Space - Passive Recreation
		Green Street Setback
	••••	Roads
50m		Shared Zone
30111	+++++	Existing Railway Corridor
	泉	Merrylands Train Station

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Site Amalgamation

Seven development sites (blocks) within the Precinct have been identified resulting from the evolving land ownership pattern and road alignment(Refer Figure 28). These blocks are anticipated to cater to the future increases in population and pedestrian movements, particularly those arriving via the rail network. In addition, these blocks incorporate significant public spaces and parks supporting the commercial and residential uses within and around the Precinct. Land uses have been coordinated with the desired built form outcomes to ensure that the Precinct functions as a highly attractive, safe and usable urban space.

Controls

- Amalgamation of lots in accordance with Figure 28 is desired for 1. redevelopment.
- Land amalgamation is to increase the width of the street front-2. age and avoid irregular lot configuration.
- 3. Sites are to be amalgamated to avoid isolating an adjoining site or sites.
- The lot shape, orientation and design of amalgamation and 4. subdivision lots is to support the following:
 - Protection and enhancement of the amenity, solar i. access, privacy, open space and views of the neighbouring lots
 - Incorporation of the principles of water sensitive ii. urban design
- The block width, dimension, orientation and layout are to con-5. sider the existing subdivision pattern of the locality.
- New lot/s created must be such that each lot with street front-6. age allows for the siting of a development which will address the street.



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This section provides character statements, objectives and development controls for specific areas/blocks within the Precinct as identified under Section 7. These blocks will contribute to the identity, function and character of the Precinct and as such more detailed built form controls have been provided to ensure high quality outcomes.

General Precinct Controls

General controls applicable to the whole Precinct are as fol-1. lows:

Building Envelopes		
Maximum Horizontal Length of Buildings (above any podium)	 9 to 12 Storeys = Max. 75m 13 to 20 Storeys = Max. 55m 	
	The max. horizontal length of any building without substantial articulation shall not exceed 45m.	
	Building Breaks	
Buildings	Please refer to Section 8 for the location of preferred building separation requirements.	
	Solar Access	
Residential Part of Buildings	 Min. 2 hours direct sunlight access to 70% of apartments between 9.00am to 4.00pm at the winter solstice (22 June). 	
Public Open Space	 Neil Street Park Min. 2 hours direct sunlight between 12noon to 3.00pm at the winter solstice (22 June) to min. 50% of the area. Other Public Open Spaces Min. 2 hours direct sunlight between 9am to 4.00pm at the winter solstice (22 June) to min. 50% of the area. 	

	Street Activation	
Pitt Street and Terminal Place	 Fully activate at least 2 storeys with commercial/retail uses. B4 Zone Min. non-residential GFA equivalent to 40% of the ground floor building footprint area. 	Along Pitt Street & Eastern Edge of Boulevard Park
	B6 Zone Minimum non-residential GFA equivalent to 20% of the ground floor building footprint area except for the site at the southeast corner of Neil Street and new Road 1 where the minimum requirement for street activation is 50% of the ground floor building footprint area.	Unless specified u building design ; Government Plan Building dept Building sepa Deep soil zon Visual privacy
Western Side of New Road 1	 Area between Terminal Place and Neil Street to be intermittently activated as a secondary active frontage. 	Communal a Pedestrian ac Vehicle acce
	Street Wall Height	Bicycle and c
Along Pitt Street	 3 storey podium with a minimum height of 11m and maximum 14m. 	Building Ame Private open
	Parking	pollution, Cor
Parking	 Parking must be provided in the basement (underground). Underground parking is not permitted to encroach into the setback areas or under public open space areas. 	 Building Conf design,landsc Performance space and base
	 Please refer to Part A - General Controls for other parking requirements. 	Merrylands Neil St Roads and open
	Building Envelope Depth	path to manage
Commercial / retail (Above Podium)	• Max 25m (unless specified in Section 8).	 Width and log with Section 4
Residential	Max 22m (unless specified in Section 8).	Please refer t
	Public Domain Interface	Consult with (
Vehicle Access	 Vehicle access should not ramp along boundary alignments facing a street or public open space. 	

ge of Park cified under sign ; pleas ent Planning g depth g separation soil zones orivacy iunal and p trian access e access and car pa g Amenity (open spac on, Commor g Configura landscape nance (Enei and balcor s Neil Street l open space ent: ection 4 and 8.

Awning			
Street	• Awnings should be provided along Pitt Street.		
	• Min. 3m deep.		
lge of	 Preferred minimum soffit height of 3.3m. 		
Park	 Slim vertical fascias/eaves not more than 		
	300mm in height.		
	 Wrap awnings around corners where a 		
	building is sited on a street corner.		
	Site and Building Design		
cified under S	Section 7 or 8, for the design of apartments/mix use		
esign ; please	refer to the Apartment Design Guide (ADG); NSW		
ent Planning 8	Environment for:		
ng depth			
ng separation			
soil zones			
privacy			
	olic open space		
strian access a	and entries		
le access			
e and car pai	3		
ng Amenity (Ceiling height, Solar access, Natural ventilation,			
e open space and balconies, Acoustic Privacy, Noise and			
on, Common circulation and spaces)			
g Configuration (apartment mix, layout and size, storage, roof			
n, landscape design, planting on structures, façades, awnings)			
mance (Energy efficiency, Waste Management, private open			
e and balconies, Water management and conservation).			
	Stormwater Management		
	recinct is affected by the 1 in 100 year flood.		
I open space network have been designed as overland flow			
anage the impact of flooding. To ensure appropriate flood			

and location of the overland flow path to be in accordance

refer to Part A - General Controls.

t with Council's engineers prior to submitting a DA.

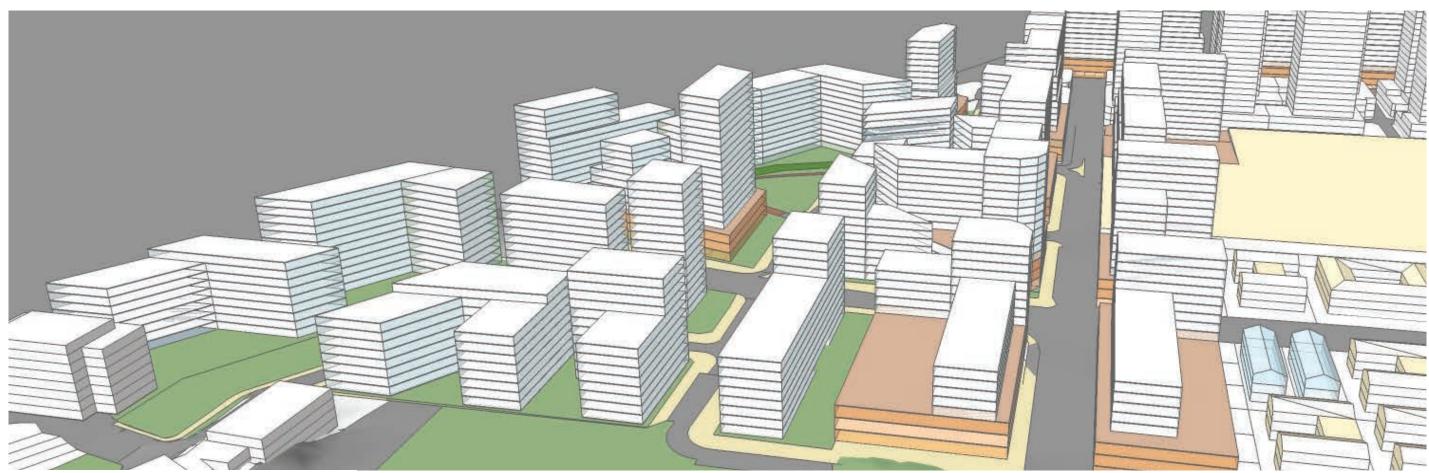


Figure 29 - Proposed Built Form Model - Looking South

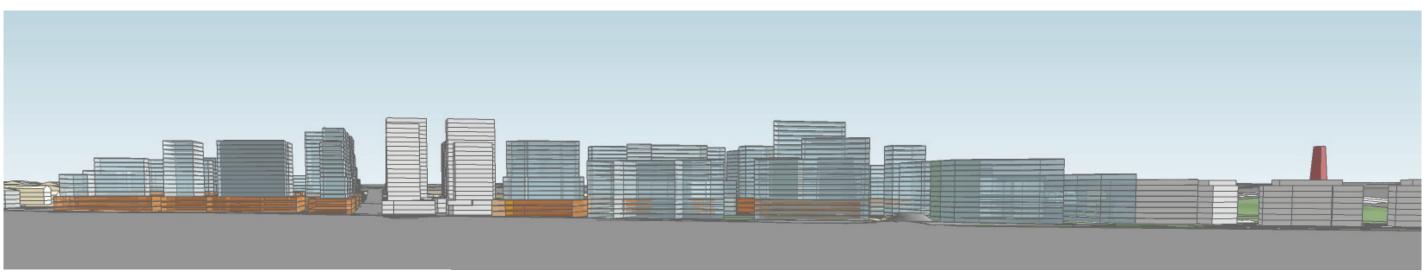


Figure 30 - Proposed Built Form Model - Looking West from the Railway Corridor

8.1 Block A

Block A is bounded by the Holroyd Gardens to the north, Block F to the east, Neil Street to the south and Pitt Street to the west

The detailed, site specific controls within this section will define the scale and character of development at the Pitt and Neil Streets intersection, providing development that creates a positive image.

The objectives are as follows:-

- To ensure the development contributes to the provision of pub-1. lic infrastructure.
- 2. To provide a range of uses supporting the predominantly commercial use within the Merrylands Centre, and generating activity at ground level.
- 3. To ensure that the intersection of Pitt and Neil Streets creates a quality identity for the corner.
- To ensure scale and form of development contributes to the 4. public domain and legibility of Pitt Street.

8.1.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- New Road 1 to the north
- Pitt Street to the west •

New street improvements are to be provided to both the streets.

Controls

- Primary active frontages are to be provided where shown in a. Figure 31.
- Primary active frontage are to have a civic character. b.
- Awnings to be provided along Pitt Street. С.

8.1.2 Building Heights

Refined building heights are provided to determine the extent and location of height distribution within the Precinct.



Figure 31 - Proposed Block A Height and Public Domain Plan



Legend



Controls

Development should comply with the Block A Height Plan which d. indicates the maximum number of permissible storeys (Refer Figures 31 and 32).

8.1.3 Setbacks

To provide some flexibility in the configuration of buildings on site, building zones have been identified within which buildings can occur on the site. The building zone is determined by the street, side and rear setbacks.

The building zone cannot be totally taken up by buildings. The extent of the building zone that can be occupied by buildings is calculated by applying all the built form controls the Precinct. The building configuration indicated in the diagrams is the preferred building configuration.

Controls

Provide setbacks as shown in Figure 34. •

8.1.4 Public Domain Interface

Specific street frontage treatments are required to achieve consistency within and around the Precinct, and to reinforce the desired streetscape character. The streetscape character is determined by the design and consistency of the building edge, and the continuity of the built form interface relative to driveways and vehicular crossing.

Controls

- Driveways and vehicular crossings are not permitted along Pitt ٠ Street
- Driveways and vehicular crossings are to be provided from New • Road 1. Indicative locations are shown in Figure 31.

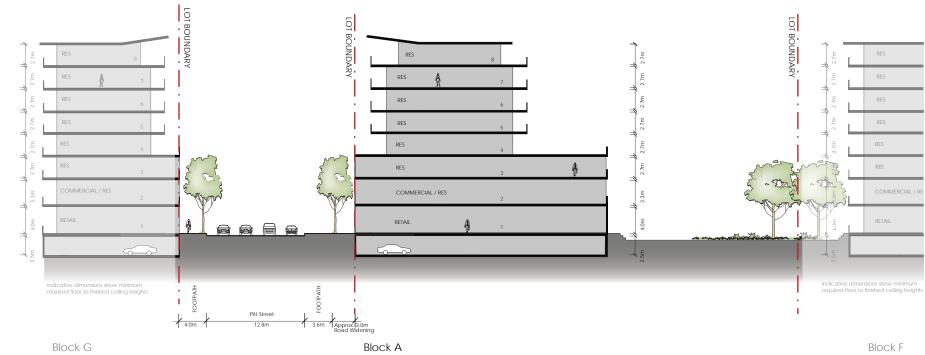


Figure 32 - Section A1 - A1



Figure 33 - Green Street Setbacks - Pitt Street - Green Link to Holroyd Gardens



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Building Height		
Along Pitt Street	Max 12 storeys (Refer Figure 31)	
Along Neil Street	Max 12 storeys (Refer Figure 31)	
	Building Use	
B4 Zone - Along Pitt Street	Ground and first floor Commercial / retail Second floor and above Commercial or residential	
B4 Zone - All other buildings	Ground floor Commercial / retail First Floor and above Residential / commercial	
	Building Envelope Depth	
Commercial / retail (Above Podium)	• Max 25m	
Residential	• Max 22m	
	Setback	
Pitt Street • 0m Street setback Neil Street • Min 2.5m		
	Sheffield Street Extension Min 2.5m 	
Rear setback	For lots fronting Pitt Street Min 6m and 12m 	
Street Wall Height		
Along Pitt Street	 3 storey podium with minimum height of 11m and maximum 14m. 	
Awning		
Along Pitt Street • Min. 3m deep		



Figure 34 - Block A Setback Plan



Legend





8.2 Block B

Block B is bounded by Neil Street to the north, New Road 1 to the east, Gladstone Street to the south and Pitt Street to the west.

The objectives are as follows:-

- To provide a range of uses supporting the predominantly commercial use within the Merrylands Centre, and generating activity at ground level
- To ensure scale and form of development contributes to the public ٠ domain and legibility of Pitt Street

8.2.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- Neil Street to the north
- New Road 1 to the east
- Gladstone Street to the south
- Pitt Street to the west

Controls

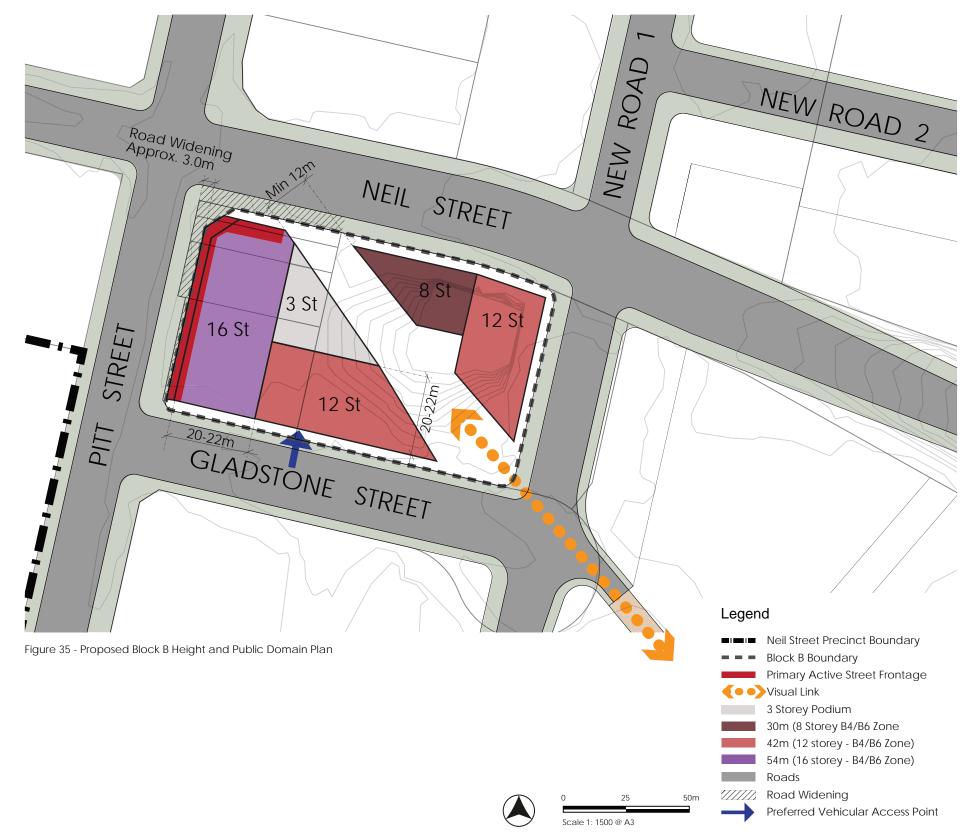
- Primary active frontages are to be provided where shown in Figure ٠ 35.
- Primary active frontages are vibrant and inviting. •

8.2.2 Building Heights

Refined building heights are provided to determine the extent and location of height distribution within the Precinct.

Controls

Development should comply with Block B Height Plan which ٠ indicates the maximum number of permissible storeys (Refer Figure 35 and 36).





8.2.3 Setbacks

To provide some flexibility in the configuration of buildings, building zones have been identified within which buildings can occur on the site. The building zone is determined by the street, side and rear setbacks.

The building zone cannot be totally taken up by buildings. The extent of the building zone that can be occupied by buildings is calculated by applying all the built form controls for the Precinct. The building configuration indicated in the diagrams is the preferred building configuration.

8.2.4 Public Domain Interface

Specific street frontage treatments are required to achieve consistency within and around the Precinct, and to reinforce the desired streetscape character. The streetscape character is determined by the design and consistency of the building edge, and the continuity of the built form interface relative to driveways and vehicular crossings.

Controls

- Driveways and vehicular crossings are not permitted along Pitt Street
- Driveways and vehicular crossings are to be provided from New ٠ Road 1. Indicative locations are shown in Figure 35.

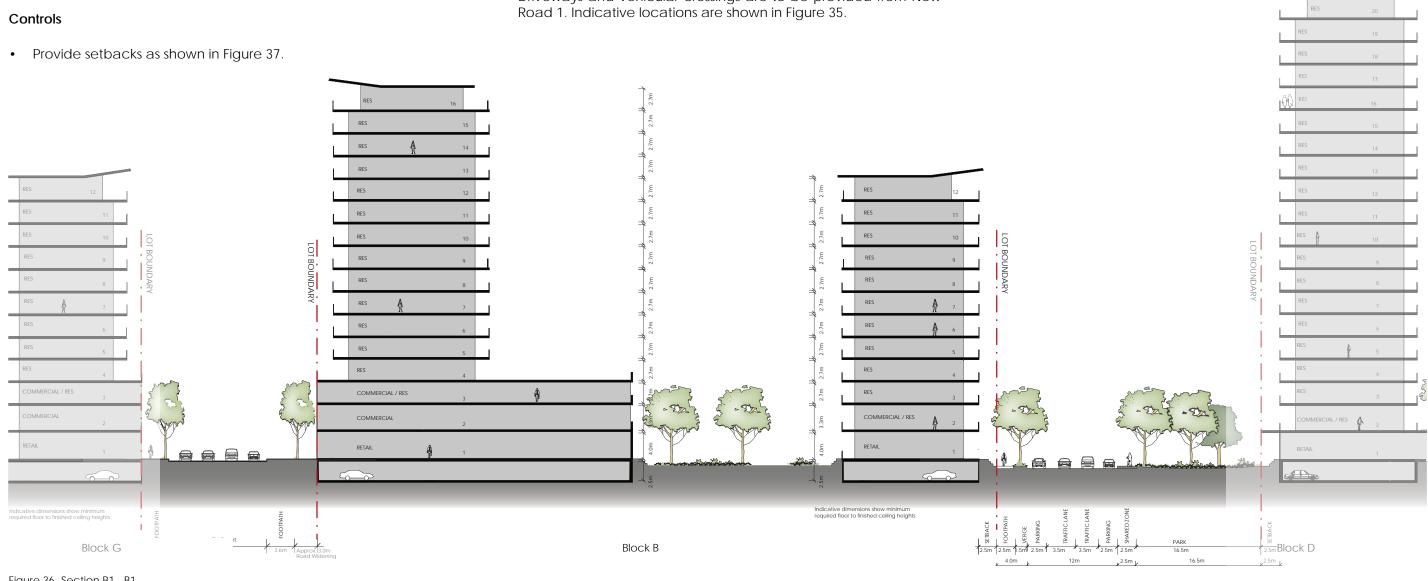


Figure 36- Section B1 - B1

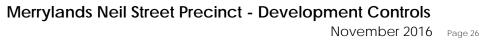
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Building Height		
Along Pitt Street	 Max 16 storeys (Refer Figure 35) 	
Along New Road 1	Max 12 storeys (Refer Figure 35)	
and Gladstone Street		
Along Neil Street	Max 8 storeys	
	Building Use	
P4 Jona Alana Ditt	Ground and first floor	
B4 Zone - Along Pitt Street	Commercial/retail	
Slieel	Second floor and above	
	 Commercial/retail or residential 	
	Ground floor	
B6 Zone - Along New	 Commercial/retail/residential 	
Road 1	First floor and above	
	Residential / Commercial	
B6 & B4 Zone - Along	All floors residential	
Neil Street		
Building Envelope Depth		
Commercial/retail	• Max 25m	
(Above Podium)		
Residential	• Max 22m	
Setback		
	Pitt Street	
Street setback	• 0m	
Sheet seidack	Neil Street, New Road 1 and Gladstone Street	
	• Min 2.5m	









8.3 Block C

Block C is bounded by Gladstone Street to the north, New Road 1 to the east, Terminal Place to the south and Pitt Street to the west. Block C has similar characteristics as Block B.

8.3.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- Gladstone Street to the north •
- New Road 1 to the east
- Terminal Place to the south
- Pitt Street to the west

Controls

- Primary active frontages are to be provided where shown in Figure ٠ 38.
- Primary active frontages are to be vibrant and inviting. ٠

8.3.2 Building Heights

Refined building heights are provided to determine the extent and location of height distribution within the Precinct.

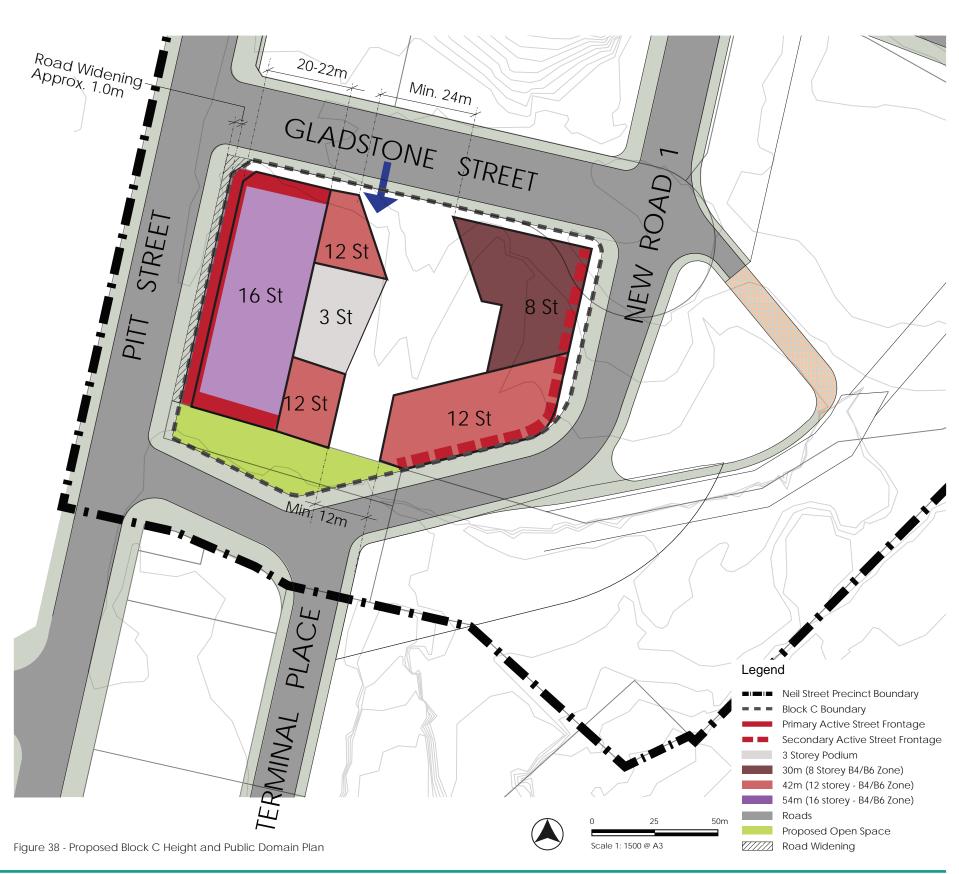
Controls

• Development should comply with Block B Height Plan which indicates the maximum number of permissible storeys (Refer Figure 38)

8.3.3 Setbacks

To provide some flexibility in the configuration of buildings, building zones have been identified within which buildings can occur on the site. The building zone is determined by the street, side and rear setbacks.

The building zone cannot be totally taken up by buildings. The extent of the building zone that can be occupied by buildings is calculated by applying all the built form controls for the Precinct. The building configuration indicated in the diagrams is the preferred building configuration.



Controls

- Provide setbacks as shown in Figure 43.
- Underground parking is not permitted to encroach into the • setback areas.

8.3.4 Public Domain Interface

Specific street frontage treatments are required to achieve consistency within and around the Precinct, and to reinforce the desired streetscape character. The streetscape character is determined by the design and consistency of the building edge, and the continuity of the built form interface relative to driveways and vehicular crossings.



Figure 39 - Artist Impression of Pinnacle Towers, South Perth - Podium and Tower Form (Source: www.pinnaclesouthperth.com)



Figure 40 - Rouse Hill, Sydney. Zero street setback with active street frontage



Figure 41 - Three Storey Commercial/Retail Podium with Active Street Frontage ((Source: www.pinnaclesouthperth.com)

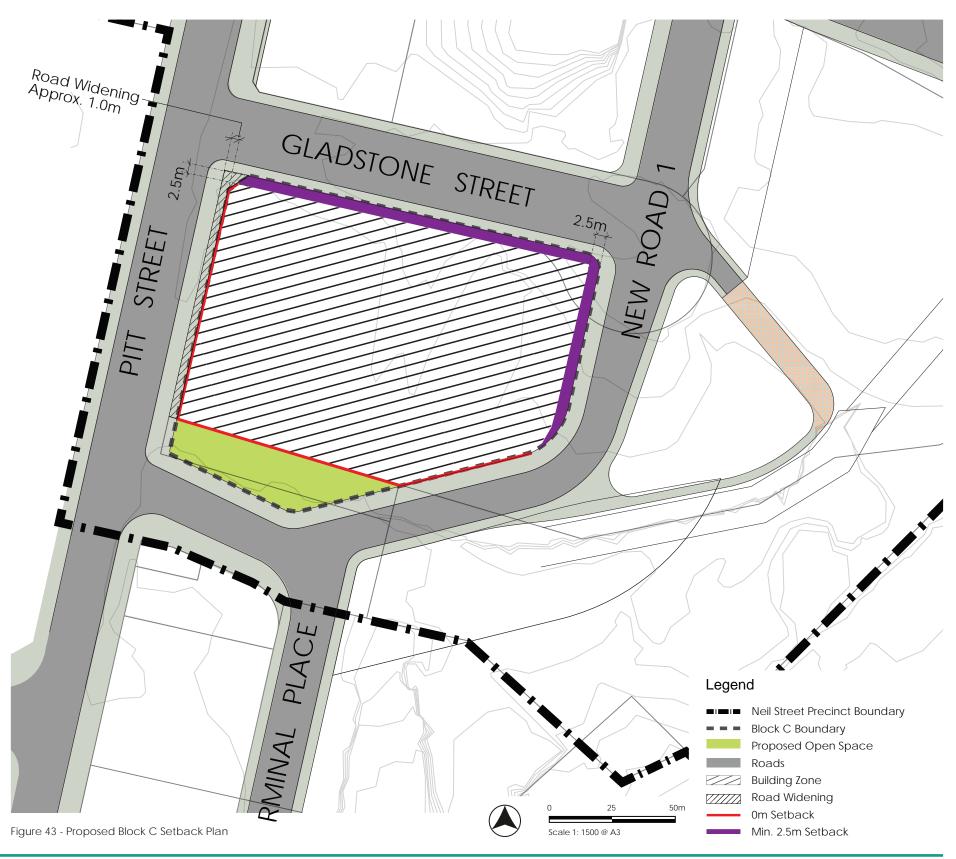


Figure 42 - The horizontal and vertical architectural elements provide interest and break the monotony of the elevation and scale of the building

Controls

- Driveways and vehicular crossings are not permitted along Pitt Street
- Driveways and vehicular crossings are to be provided from New Road 1. Indicative locations are shown in Figure 38. •

Building Height		
Along Pitt Street	Max. 16 storeys (Refer Figure 38)	
Terminal Place	Max. 12 storeys (Refer Figure 38)	
Gladstone Street	Max. 8 storeys	
	Building Use	
B6 Zone - Corner of Gladstone Street and New Road 1	Ground Floor and above Residential 	
B4 Zone - Along Pitt Street and Terminal Place	Ground and first floor • Commercial/retail Second floor and above • Commercial / retail / residential	
B6 Zone New Road 1	Ground floor • Commercial/retail All floors above ground floor • Commercial / residential	
	Building Envelope Depth	
Commercial/retail and residential on all floors above podium	• Max. 22m	
	Setback	
Street setback	Pitt Street • 0m Gladstone Street • Min. 2.5m Terminal Place • Min. 0m New Road 1	
	• Min. 2.5m	
Street Wall Height		
Along Pitt Street	 3 storey podium with minimum height of 11m and maximum 14m. 	
Awning		
Along Pitt Street • Min. 3m deep		



8.4 Block D

Block D is bounded by Neil Street to the north, the railway corridor (which runs northeast to southwest) to the east and south, Merrylands Train Station to the southwest and New Road 1 to the west with the overland flow path located to the east of New Road 1.

Although the accessibility of Block D is enhanced by the proposed Road 1, it is also constrained by the existing Sydney water culvert which runs through the site. The flood flow path which is envisioned to form part of the public open network provides an opportunity for Block D to enhance the public domain of the area by incorporating a centrally located space - Neil Street Park for recreational purposes.

Given the landscape setting, this Block is expected to accommodate secondary active uses (e.g. gymnasium, child care centre, corner shop, café) that support and enhance the liveability of the Precinct. The ground level activity within Block D will be focused along New Road 1.

The detailed, site specific controls within this section will define the scale and character of development at the Pitt and Neil Streets intersection, providing development that create a positive image.

The objectives are as follows:-

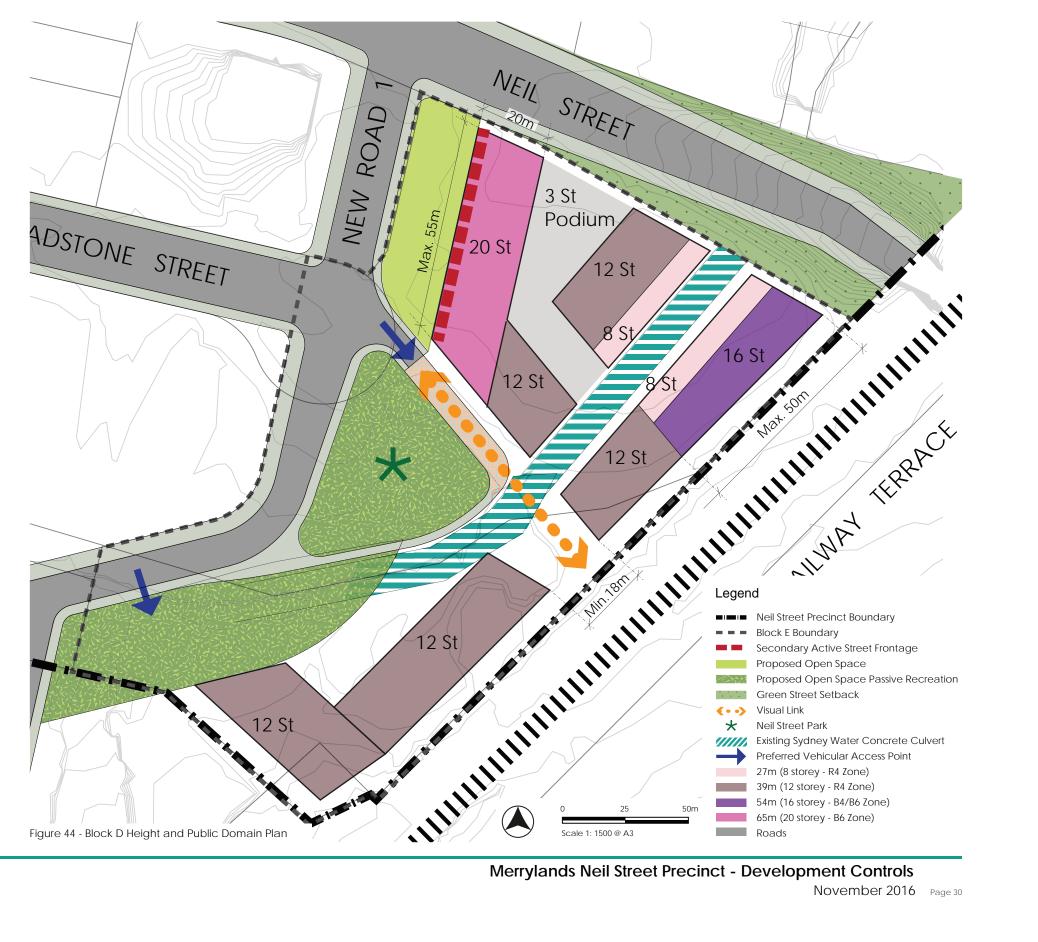
- To ensure the development contributes to the provision of public • infrastructure.
- To ensure that the intersection of New Road 1 and Neil Streets is reinforced with greater height and create a distinct identity for the corner.
- To reinforce the open space through built form. •
- To ensure scale and form of development contributes to the public domain and legibility of New Road 1 and Neil Street.

8.4.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- New Road 1 to the west
- Overland flow path and Neil Street Park to the west
- Neil Street to the north



Controls

- Secondary active frontage is to be provided where shown in Figure 44 (gymnasium, child care centre, corner shop, café).
- Secondary active frontage is to have a civic character, providing colonnades for the building at the intersection of Neil Street and New Road 1.

Refer to Section 5 for the future desired character of Neil Street Park .

8.4.2 Building Heights

Refined building heights are provided to determine the extent and location of height distribution within the Precinct.

Controls

Development should comply with Block D Height Plan which indicates the maximum number of permissible storeys (Refer Figure 44 and 48).

8.4.3 Setbacks

To provide some flexibility in the configuration of buildings on site, building zones have been identified within which buildings can occur on the site. The building zone is determined by the street, side and rear setbacks.

The building zone cannot be totally taken up by buildings. The extent of the building zone that can be occupied by buildings is calculated by applying all the built form controls for the Precinct. The building configuration indicated in the diagrams is the preferred building configuration.

Controls

• Provide setbacks as shown in Figure 47.

8.4.4 Public Domain Interface

Specific street frontage treatments are required to achieve consistency within and around the Precinct, and to reinforce the desired streetscape character. The streetscape character is determined by the design and consistency of the building edge, and the continuity of the built form interface relative to driveways and vehicular crossing.

Controls

- Driveways and vehicular crossings are not permitted along Neil Street
- Driveways and vehicular crossings are to be provided from New Road 1. Indicative locations are shown in Figure 44.



Figure 45 - Interesting facades providing a visual entry to the Precinct



Figure 46 - London Renaissance. Taller Building providing visual reference

	Building Height	
Corner of Neil Street and New Road 1	• Max. 20 storeys (Refer Figure 47)	
Corner of Neil Street and Railway Line	• Max. 16 storeys (Refer Figure 47)	
All other buildings	 Max. 12 storeys (Refer Figure 47) 	
	Building Use	
B6 Zone - Ground and first floor of 20 storey building	Commercial/retail/residential	
All other buildings + All floors above first floor of B6 Zone	Residential	
	Building Envelope Depth	
All buildings except for the 20 storey tower	• Max. 22m	
20 Storey Tower	• Max. 20m	
	Setback	
Street setback	From Neil Street • Min. 2.5m	
Open Space setbacks	All other lots Comply with Figure 47 	
Rear setbacks	From the Railway Corridor Min. 6m (Min. 3m in the southern corner)	
	From Merrylands Transit Interchange Min. 6m	
Awning		
Along Boulevard Park	• Min. 3m deep	



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Block B

Block D

Figure 48 - Section C1 - C1

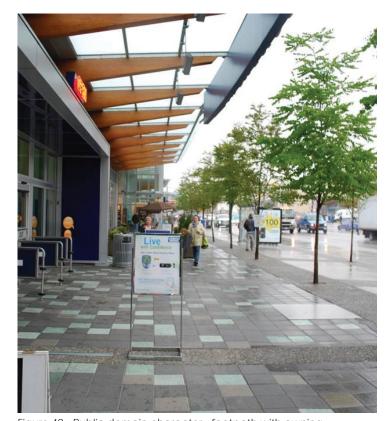




Figure 51 - Public open space supporting the needs of the active street frontage



Figure 52 - Primary active street frontage

Figure 49 - Public domain character - footpath with awning



Figure 50 - Building separation providing visual relief and minimise the impact of built form



Cumberland Council

8.5 Block E

Block E is bounded by the old brickworks site and the Holroyd Gardens to the north, the railway corridor (which runs northeast to southwest) to the east and southwest, Neil Street to the south and Block F (13-15 Neil Street) to the west.

The objectives are as follows:-

- To ensure the development contributes to the provision of public infrastructure.
- To ensure scale and form of development contributes to the public domain and is sympathetic to the residential development to the north.

8.5.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- New Road 2
- Neil Street to the south
- Overland flow path

Controls

Proposed built form should reinforce and address the overland • flow path.

8.5.2 Building Heights

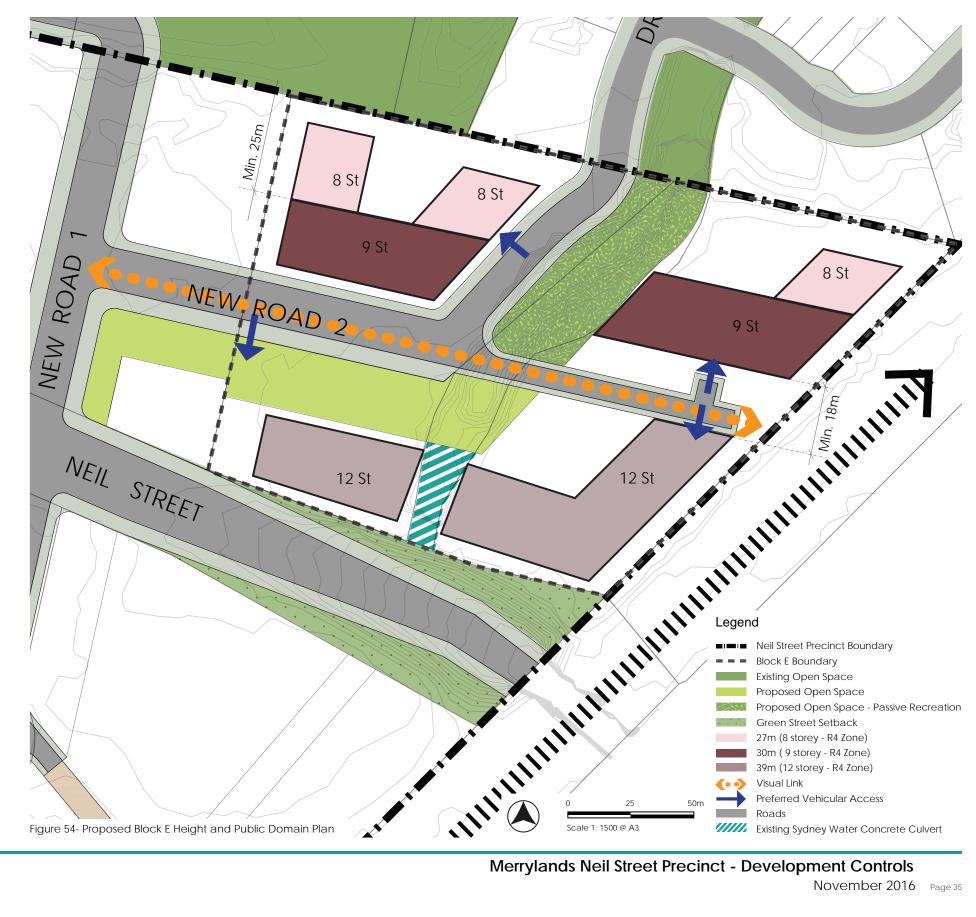
Controls

Development should comply with Block A Height Plan which ٠ indicates the maximum number of permissible storeys (Refer Figure 54).

8.5.3 Setbacks

Controls

Provide setbacks as shown in Figure 55. ٠



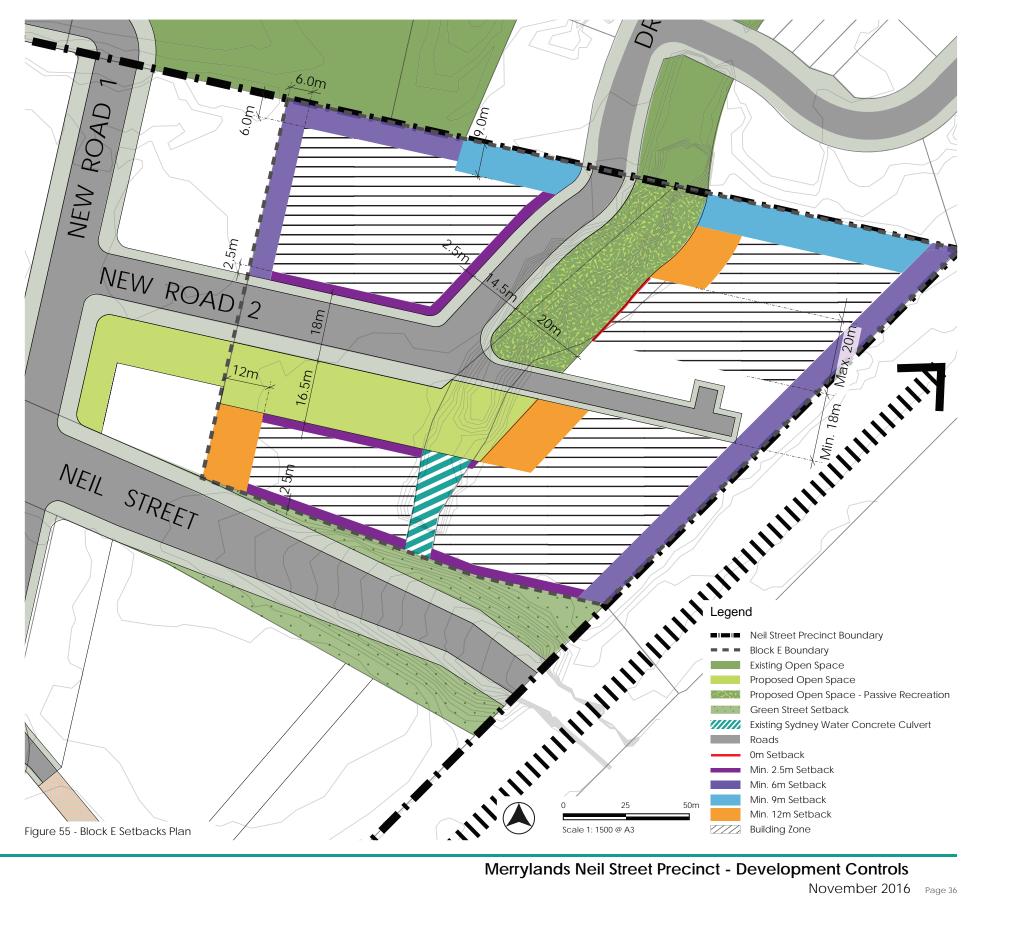
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8.5.4 Public Domain Interface

Controls

- Driveways and vehicular crossings are not permitted along Neil • Street
- Driveways and vehicular crossings are to be provided from New • Road 2. Indicative locations are shown in Figure 54.
- Provide a landscape setback along Neil Street and New Road 2 in accordance with Figures 54 and 55.

	Building Height
Building along the northern boundary	 Max. 8 storeys (Refer Figure 54)
Parts of buildings north of New Road 2	 Max. 9 storeys (Refer Figure 54)
Along Neil Street and the railway corridor	Max. 12 storeys (Refer Figure 54)
	Building Use
R4 Zone - All floors	Residential
В	uilding Envelope Depth
All buildings	• Max. 22m
	Setback
Street setback	North and West of New Road 2 Min. 2.5m
	From Neil Street • Min. 2.5m
Other setbacks	From the boundary parallel to the railway line Min. 6m
	 From western boundary Min. 12m (south of New Road 2 - comply with minimum separation controls) Min. 6m (north of New Road 2)
	From Holroyd Gardens to the north Min. 6m
	On other lots • Min. 9m
	From the southern boundary of overland flow path • Min. 2.5m
	Eastern boundary of overland flow path Min. 12m and 0m



Block F 8.6

Block F is bounded by the Holroyd Gardens to the north, Block E to the east, Neil Street to the south and Block A to the west. The New Road 1 and New Road 2 form a 'T' intersection within Block E.

The accessibility of Block F although is enhanced by the proposed New Road 1 and New Road 2, it also divides the site into 3 lots impacting on its development potential and functionality. A potential mid-block connection, an extension of New Road 2, will enhance pedestrian permeability within the Precinct and with the surrounding development.

The objectives are as follows:-

- To ensure the development contributes to the provision of public infrastructure.
- To ensure that the intersection of Neil Street and New Road 1 create a quality identity for the corner.

8.6.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- New Road 1
- New Road 2
- Neil Street to the south
- Overland flow path

8.6.2 Building Heights

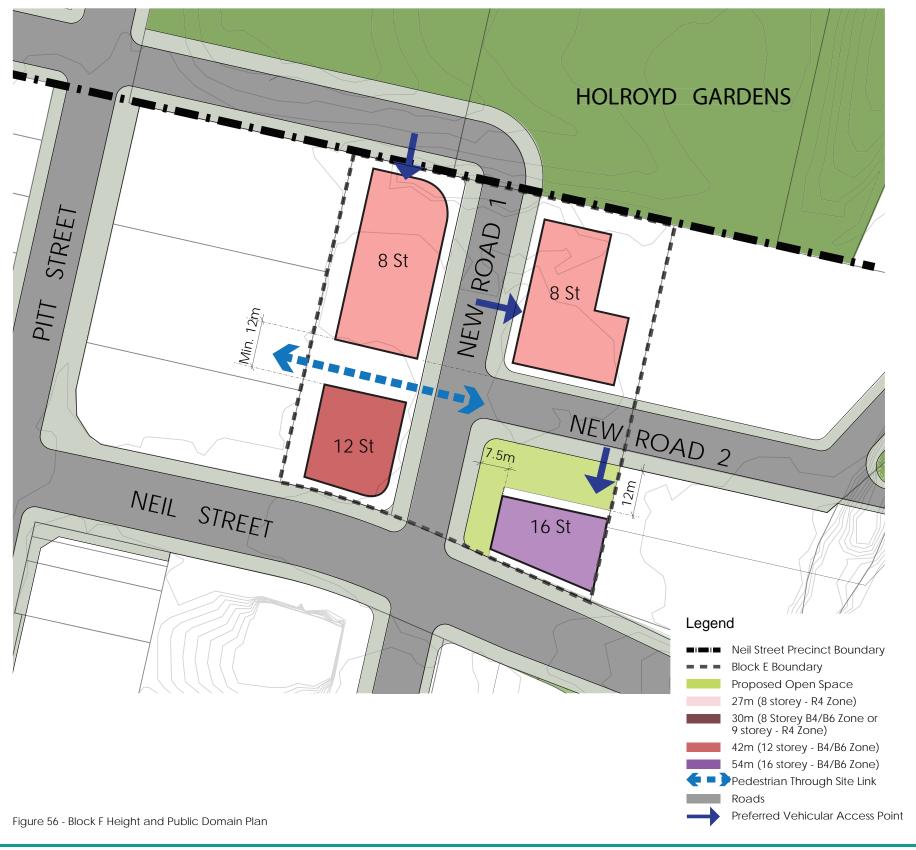
Controls

Development should comply with Block F Height Plan (Refer • Figure 56).

8.6.3 Setbacks

Controls

Provide setbacks as shown in Figure 57.

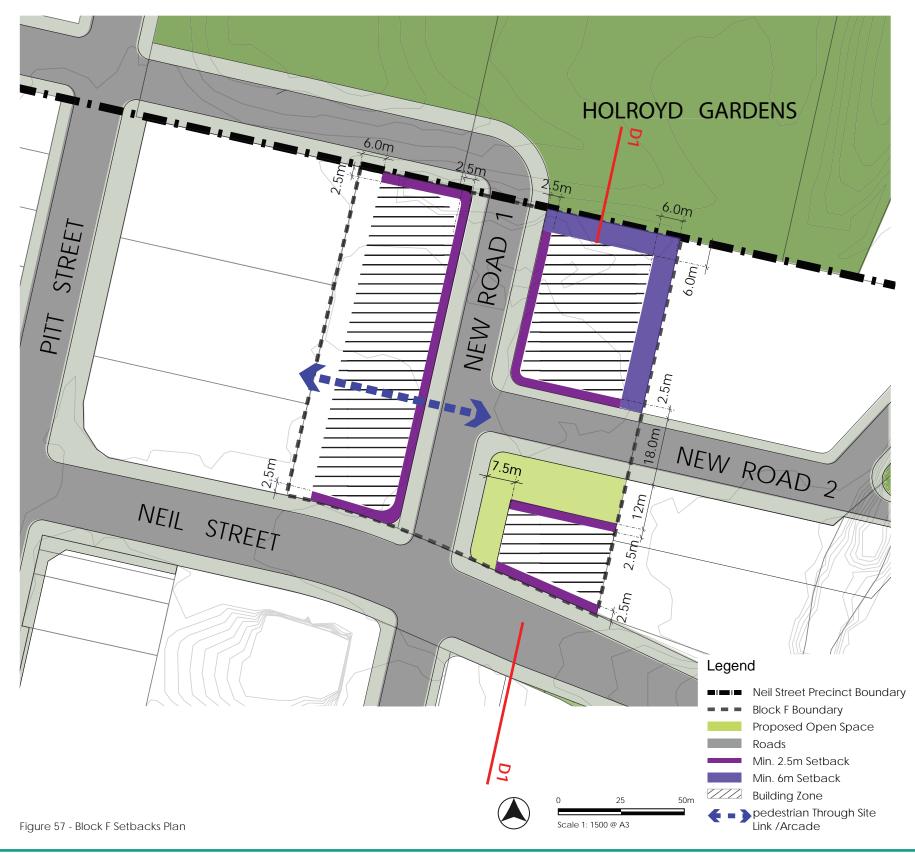


8.6.4 Public Domain Interface

Controls

- Driveways and vehicular crossings are not permitted along Neil Street.
- Driveways and vehicular crossings are to be provided from New Road 1 and New Road 2. Indicative locations are shown in Figure 56.

Building Height				
North of New Road 2	 Max. 8 storeys (Refer Figure 56) 			
Northwest corner of Neil Street and New Road 1	Max. 12 storeys (Refer Figure 56)			
Northeast corner of Neil Street and New Road 1	• Max. 16 storeys (Refer Figure 56)			
	Building Use			
B6 Zone - Ground Floor of 12 and16 Storey Building	Commercial/retail/residential			
All floors above First Floor	Residential			
All other buildings	Residential			
В	uilding Envelope Depth			
All buildings	• Max. 22m			
Setback				
Street setback	New Road 1 (North of New Road 2) • Min. 2.5m From New Road 2 (North) • Min. 2.5m			
	From the southern boundary of public open space Min. 2.5m From Neil Street Min. 2.5m From Sheffield Street Extension			
Other setback	 Min. 2.5m From Holroyd Gardens to the north Min. 6m From the eastern boundary 			
	• Min. 6m			



Block G 8.7

Block G is bounded by Sheffield Street to the north, Pitt Street to the east, the Stockland Mall to the south and residential development to the west.

The objectives are as follows:-

- To provide a range of uses supporting the predominantly commercial use within the Merrylands Centre, and generating activity at ground level.
- To ensure that the intersection of Neil Street and Pitt Street create a quality identity for the corner.

8.7.1 Site and Building Design

Public Domain

The key public domain features of this Block are:

- Pitt Street
- Neil Street

Controls

- Primary active frontages are to be provided where shown in Figure ٠ 58.
- Primary active frontage are to have a civic character, providing ٠ an awning along the edge of Pitt Street.

8.7.2 Building Heights

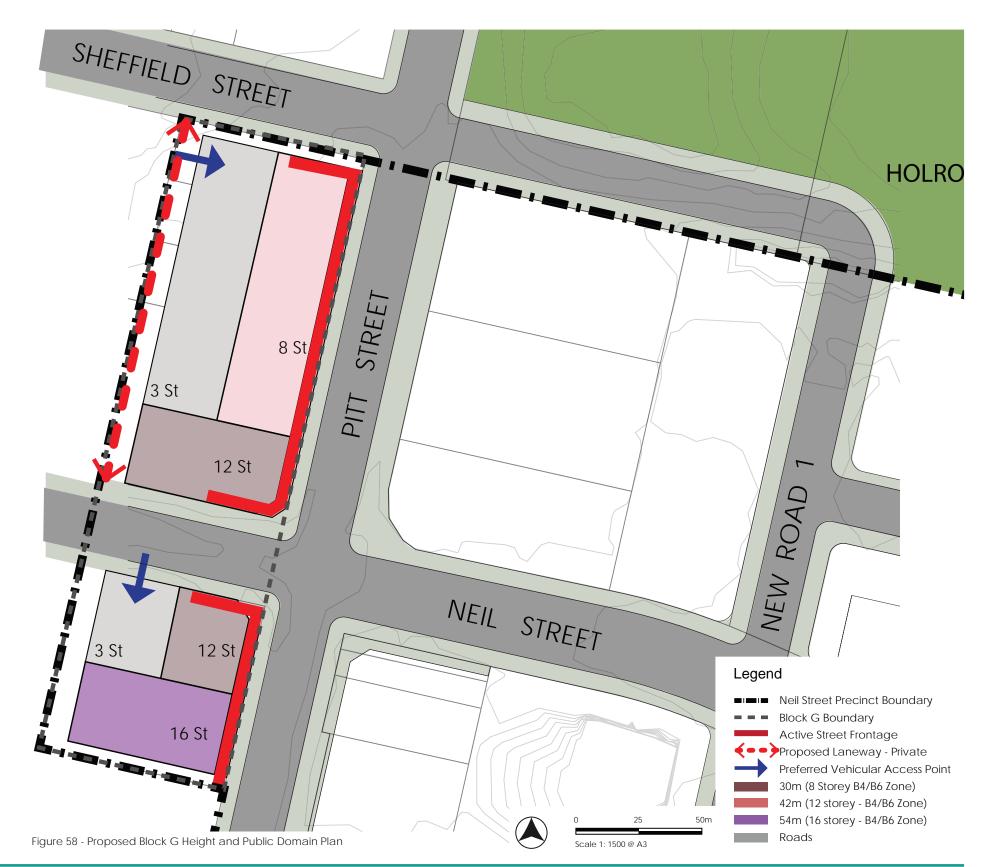
Controls

• Development should comply with Block F Height Plan (Refer Figure 57 and 60).

8.7.3 Setbacks

Controls

Provide setbacks as shown in Figure 59. ٠

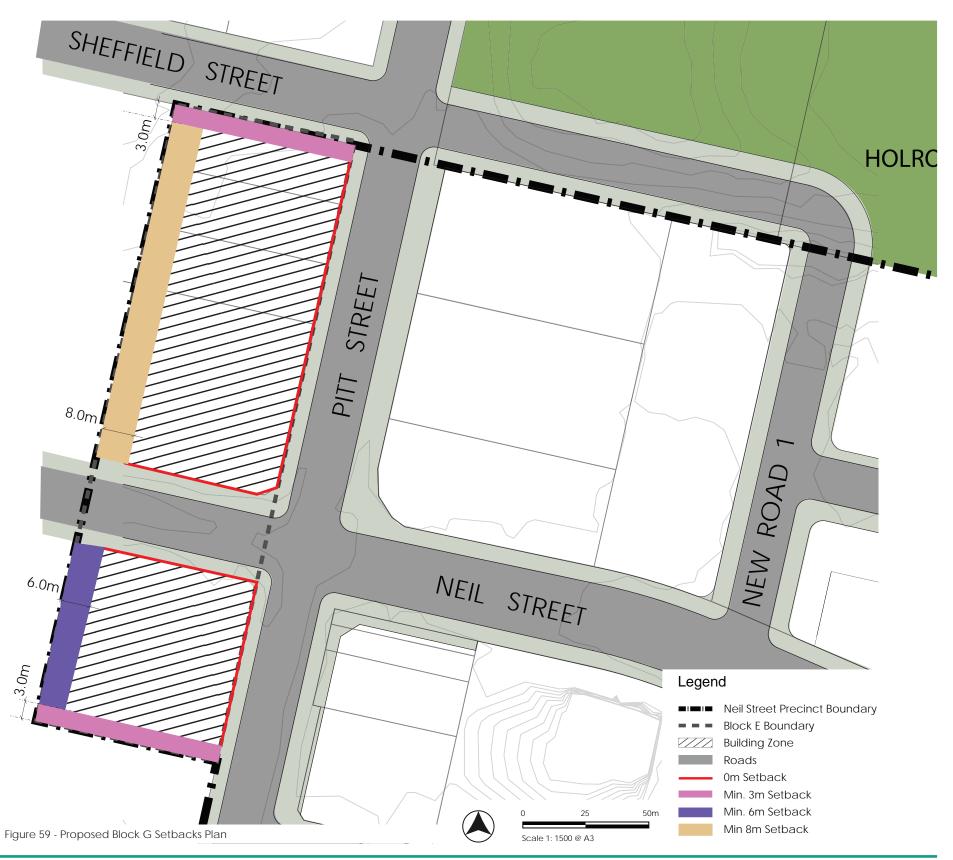


8.7.4 Public Domain Interface

Controls

- Driveways and vehicular crossings are not permitted along Pitt Street
- Driveways and vehicular crossings are to be provided from Sheffield Street and Neil Street. Indicative locations are shown in Figure 57.

	Building Height
B4 Zone - Northwest and southwest corner of Neil Street and Pitt Street	 Max. 12 storeys (Refer Figure 59)
B4 Zone - Buildings along Pitt Street	 Max. 16 storeys (Refer Figure 59)
B4 Zone - Other buildings north of Neil Street	 Max. 8 storeys (Refer Figure 59)
	Building Use
All buildings	Ground and first Floor Commercial / retail First floor and above Residential / commercial
В	uilding Envelope Depth
All buildings	• Max. 22m
	Setback
Street setback	From Pitt Street • 0m From Neil Street • 0m From Sheffield Street • Min. 3.0m
Rear setback - North of Neil Street	From the western boundary Min. 8.0m
Rear setback - South of Neil Street	From the western boundary Min. 6.0m
Side setback - South of Neil Street	From the southern boundary Min. 3.0m
	Street Wall Height
Along Pitt Street	 3 storey podium with minimum height of 11m and maximum 14m.
	Awning
Along Pitt Street	• Min. 3m deep



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