

Planning Proposal

249-271 RAILWAY TERRACE, SCHOFIELDS NSW 2762

Report No: 323135/PP01_Final

5 September 2023



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INTRODUCTION & EXECUTIVE SUMMARY

This Planning Proposal (PP) is submitted to the NSW Department of Planning and Environment ('DP&E') in support of an amendment to Appendix 7 (Alex Avenue and Riverstone Precinct Plan) of State Environmental Planning Policy (Precincts – Central River City) 2021 ('Central River City SEPP'), on behalf of Provincial Investments (NSW) Pty Ltd. The land to which this PP relates is 249, 259 & 271 Railway Terrace, Schofields ('the site').

The purpose of this PP is to facilitate an increase in residential density and the delivery of a mix of social, affordable and build-to-rent housing on the site, acknowledging the strategic location of the site within the North West Growth Centre and its proximity to key infrastructure including Schofields Train Station and the Alex Avenue Town Centre.

The proposed amendments to the land use controls under the Central River City SEPP, to facilitate the residential density uplift, which will include a mix of social, affordable and build-to-rent housing, comprise:

- An increase to the maximum building height applicable to the site from 16 metres to 32 metres; and
- An increase to the maximum floor space ratio (FSR) from 1.75:1 to 3.5:1.

The Proposal has been prepared in accordance with Sections 3.33 and 9.1 of the *Environmental Planning and Assessment Act 1979* (EP&A Act) and the NSW Department of Planning, Industry and Environment's Local Environmental Plan Making Guideline (August 2023). The PP has also considered the key/site specific matters to be addressed as detailed in email correspondence received from DP&E dated 1 August 2023.

The Proposal is structured as follows:

- Section 1 Site Analysis
- Section 2 Planning Context
- Section 3 Objectives and Intended Outcomes
- Section 4 Explanation of Provisions
- Section 5 Justification
- Section 6 Maps
- Section 7 Community Consultation
- Section 8 Project Timeline
- Section 9 Conclusion

This Report should be read in conjunction with the following specialist consultant reports and plans:

Table 1 Consultant Documentation	,
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Discipline	Prepared By/Document Reference	
Survey Plan	ChadwickCheng Consulting Surveyors, Ref: 41188/D-MGA-2d-LOT, dated 11/07/22.	
Visual Analysis Nordon Jago Architects, Ref: PR.01, dated August/September 2023. & Massing		
PSI / DSI Construction Sciences, Ref: 10791EV.P.323-R01, dated 8 November 2022.		
RAP	Construction Sciences, Ref: 10791EV.P.323-R02, dated 9 November 2022.	
Flooding & Stormwater	Infrastructure and Services Report, Lucas Consulting Engineers Pty Limited, Rev: A, dated: 4/08/23.	
Aboriginal Heritage	Baker Archaeology, dated February 2023.	

Discipline	Prepared By/Document Reference
Utilities	Infrastructure and Services Report, Lucas Consulting Engineers Pty Limited, Rev: A, dated: 4/08/23.
Traffic & Parking	The Traffic Planner, Rev: 1.2, dated 29/08/23.
Social & Community Infrastructure	Hill PDA, Ref: P24008, Version: 1.2, dated 30 August 2023.
Urban Design	Premise, Ref: 323135_UDR_001C, dated 5 September 2023.
Affordable Housing Statement	Dated 5 September 2023.

The PP is considered worthy of support for the following reasons:

- The proposed amendments to the maximum building height and maximum FSR would support the precinct vision by facilitating additional residential housing to meet the needs of the community in an accessible location, noting the proximity of the site to the Schofields Train Station and the Alex Avenue Town Centre. The PP will also contribute to the provision of affordable housing to meet the needs of the community.
- The PP maintains consistency with the applicable State, Regional and Local strategic planning framework.
- The PP is consistent with the relevant Ministerial Directions.
- The existing and future planned infrastructure and services have the capability to effectively service demand from development under this PP; and
- Overall, there are no anticipated adverse social or economic impacts which would arise from the proposal.



1. THE SITE & ITS CONTEXT

1.1 SITE DESCRIPTION

The land the subject of this PP ('the site') comprises three parcels of land:

•	249 Railway Terrace, Schofields	Lot 4 DP 1268701
•	257 Railway Terrace, Schofields	Lot 3 DP 1268701
•	271 Railway Terrace, Schofields	Lot 5 DP 26987

The site is situated within the North West Growth Centre, within the Alex Avenue Precinct. It is irregular in shape and has a total area of 6.308 hectares. The site maintains a frontage to Railway Terrace (58.31 metres and 90.19 metres), a frontage to Pelican Road (246 metres) and a frontage to Bingham Street (approximately 131 metres). Existing improvements on the site include a dwelling and associated metal sheds in the northwestern portion of Lot 4 and a dwelling and associated outbuilding in the south-western portion of Lot 5.



Figure 1: The Site (Source: Nearmap, 2023)

The central portion of the site bounds Lot 1DP 1268701 which was formerly part of the now Lot 3 DP 1268701. This portion of land has recently been dedicated to Council for drainage and open space purposes, noting that the lot in its entirety is identified in Contributions Plan No. 20 – Riverstone & Alex Avenue Precincts (contribution plan) as a 'local park including landscaping and fencing.' The contribution plan also identifies stormwater works on the site comprising a detention basin, bioretention works within the basin and a gross pollutant trap at the inlet to the basin. Council has prepared plans for the basin works, refer to **Attachment A**. It is understood that works are due to commence towards the end of this year and be completed around March 2024.



Figure 2: Contribution Plan extract (Source: BCC, July 2020

Immediately to the north of the site is an existing rural residential property, with the Alex Avenue Town Centre beyond. To the east of the site, on the eastern side of Pelican Road is existing vacant land with a series of 4 to 5 storey residential flat buildings located to the north-east. Immediately to the south of the site, on the southern side of Bingham Street is a series of 5 storey residential flat building developments. The railway line is located on the western side of Railway Terrace, with residential development beyond.

The site in its entirety is subject to an Order to confer biodiversity certification on the State Environmental Planning Policy (Sydney Region Growth Centres) 2006 (the now Central River City SEPP), refer to the North West Growth Centre Biodiversity Certification Map at Attachment B.





Biodiversity Certification Map extract (Source: NSW Government, November 2007)

1.2 LOCAL & REGIONAL CONTEXT

The site is situated along the western fringe of the Alex Avenue Precinct of the North West Growth Centre which is located in the Blacktown Local Government Area ('LGA'). The Alex Avenue Precinct was rezoned in May 2010, along with the adjoining Riverstone Precinct immediately to the north. The Alex Avenue Precinct is also bound by the established The Ponds residential housing estate to the east, the established residential suburb of Quakers Hill to the south and the railway line and Schofields Precinct to the west.



Figure 4: Alex Avenue Precinct & the site denoted by green outline (Source: Nearmap, 2023)

The site is located within 200 metres of the Schofields Train Station (Blacktown/Richmond Rail line), to the north. In addition to the recent duplication of the tracks at Schofields station a 700 space commuter carpark has also been delivered. It is understood that there are future plans for Schofield station to be further upgraded to provide 4 tracks, which will reinforce the station as a key public transport hub. The existing North-West Metro is also proposed to be extended to Schofields and St Marys, through to the Western Sydney Aerotropolis, which will connect the site to additional employment opportunities.

The site is also situated within 80 metres of the Alex Avenue Town Centre (zoned B2 Local Centre, B4 Mixed Use & RE1 Public Recreation), to the north which includes the Schofields Village Shopping Centre. Schofields Village includes a Coles supermarket, McDonalds restaurant, various retail shops and restaurants and a child care centre. The Town Centre will also include a town park for public recreation.

The site is located within 30 minutes of key services including Schofields Train Station, the Alex Avenue Town Centre, Western Sydney Parklands, Western Sydney University Nirimba, Western Sydney Institute of TAFE, schools and early learning centres, including Galungara Public School, Schofields Public School and the Marsden Park Industrial Area.

2. LOCAL PLANNING CONTEXT

2.1 STATE ENVIRONMENTAL PLANNING POLICY (PRECINCTS – CENTRAL RIVER CITY) 2021

The Site is subject to the provisions of State Environmental Planning Policy (Precincts – Central River City) 2021 ('Central River City SEPP'), specifically Appendix 7 – Alex Avenue and Riverstone Precinct Plan, being the primary Environmental Planning Instrument.

Zoning and Permissibility

The Site is zoned R3 Medium Density Residential pursuant to Appendix 7 of the Central River City SEPP. The objectives of the zone are:

- To provide for the housing needs of the community within a medium density residential environment.
- To provide a variety of housing types within a medium density residential environment.
- To enable other land uses that provide facilities or services to meet the day to day needs of residents.
- To support the well being of the community, by enabling educational, recreational, community, and other activities where compatible with the amenity of a medium density residential environment.



Figure 5: Extract of North West Growth Centre Land Zoning Map -Sheet LZN_005

The PP will facilitate additional housing to meet the needs of the community, including an affordable housing component, in an accessible location that is readily serviced by public transport infrastructure and social infrastructure.

The principal development standards contained in Appendix 7 of the Central River City SEPP, that are applicable to the site, are summarised as follows:

Clause 4.1AB Minimum lot sizes for residential development in Zone R2 Low Density Residential and Zone R3 Medium Density Residential

The minimum lot size for a residential flat building on Lots 3 & 4 DP 1268701 is 1,000m² and the minimum lot size for a residential flat building on Lot 5 DP 26987 is 2,000m².

Clause 4.1B Residential Density

A minimum residential density of 45 dwellings per hectare is applicable to Lots 3 & 4 DP 1268701 and a minimum residential density of 25 dwellings per hectare is applicable to Lot 5 DP 26987.

The development generated by the PP would exceed these minimum residential density provisions.



Figure 6: Extract of North West Growth Centre Residential Density Map - Sheet RDN_005

Clause 4.3 Height of buildings

The site is subject to a maximum building height of 16 metres.



Figure 7: Extract of North West Growth Centre Height of Buildings Map - Sheet HOB_005

Clause 4.4 Floor Space Ratio

The site is subject to a maximum floor space ratio of 1.75:1.





Extract of North West Growth Centre Floor Space Ratio Map - Sheet FSR_005

2.3 BLACKTOWN CITY COUNCIL GROWTH CENTRE PRECINCTS DEVELOPMENT CONTROL PLAN 2010

The Blacktown City Council Growth Centre Precincts Development Control Plan 2010 (Growth Centre DCP) is applicable to the site.

Schedule 1 (Alex Avenue Precinct) of the Growth Centre DCP contains controls for development within the Alex Avenue Precinct, which includes the site. Schedule 1 provides the following vision for the Precinct:

The vision for the Alex Avenue Precinct is that a range of housing types will develop to meet the needs of a diverse community, supported by local services, infrastructure, facilities and employment, in an environmentally sustainable manner.

The local centre will be the main focus of activity and daily life for the Precinct, providing for community interaction and delivering services and facilities to meet the needs of all residents.

The Precinct will be an integral part of the Blacktown local government area and the North West Growth Centre. It will be linked to surrounding suburbs and to major regional destinations such as Rouse Hill Regional Centre and Blacktown City Centre.

The proposed amendments to the maximum building height and maximum FSR would support the precinct vision by facilitating additional residential housing to meet the needs of the community in an accessible location, noting the proximity of the site to the Schofields Train Station and the Alex Avenue Town Centre. The PP will also contribute to the provision of affordable housing to meet the needs of the community.

At the time of establishing the residential densities for the Alex Avenue Precinct, the Department acknowledged that the minimum dwelling densities were established to provide flexibility to developers to respond to market demand.

This PP is seeking to facilitate the delivery of higher density residential development, consistent with the Alex Avenue Indicative Layout Plan and Residential Structure Plan, which identify the site for 'Medium to High Density Residential/Mixed Use' development.



Figure 9: Extract of Alex Avenue ILP Map (Source: NSW DPIE, 2010)

3. OBJECTIVES AND INTENDED OUTCOMES

The key objective of the PP is to amend Appendix 7 of the Central River City SEPP to facilitate an increase in residential density and the delivery of a significant proportion of affordable housing on the site, acknowledging the strategic location of the site within the North West Growth Centre and its proximity to key infrastructure including Schofields Train Station and the Alex Avenue Town Centre.

The PP recognises that the context of the Alex Avenue Precinct has changed since the 2010 studies to inform the rezoning of the precinct, notably, the announcement of the planned extension of the North-West Metro to Schofields and St Marys through to the Western Sydney Aerotropolis. The proposed amendments to the maximum building height and FSR recognise the opportunity to provide an increased residential density that aligns with the strategic location of the site and its proximity to public transport, the town centre, open space and employment and education facilities.

Of the anticipated dwelling yield generated by the proposed increase to the maximum building height and FSR; in the order of 1,751 dwellings, 33 percent of this yield (578 dwellings) will comprise a mix of build-to-rent housing, social and affordable housing to respond to the housing needs of the community.

4. EXPLANATION OF PROVISIONS

4.1 OVERVIEW

The amendments sought to the Central River City SEPP relate to an increase to the maximum building height and maximum FSR applicable to the site.

The proposal does not seek to amend any other provisions of the Central River City SEPP.

4.2 AMENDMENT TO THE MAXIMUM BUILDING HEIGHT

The objectives of this PP would be achieved through amending the current 16 metre maximum building height applicable to the site to permit a maximum building height of 32 metres.

4.3 AMENDMENT TO THE MAXIMUM FLOOR SPACE RATIO

In amending the maximum building height from 16 metres to 32 metres, a proportional increase to the current 1.75:1 FSR is required. It is proposed to amend the current FSR to permit a maximum FSR of 3.5:1.

The amended FSR will ensure that the site is capable of achieving a dwelling yield in the order of 1,751 dwellings; 33 percent of which would comprise a mix of build-to-rent, social and affordable housing.

5. JUSTIFICATION

5.1 NEED FOR THE PLANNING PROPOSAL

IS THE PLANNING PROPOSAL A RESULT OF ANY STRATEGIC STUDY OR REPORT?

The Proposal responds to the framework established by the Blacktown Local Strategic Planning Statement 2020 and the Blacktown Housing Strategy 2020, which both aim to promote diverse and affordable housing for the current and future community, supported by essential infrastructure in the right locations at the right time.

Overall, the intended outcomes and objectives are consistent with State, Regional and Local strategic planning frameworks, which are outlined at Section 5.2 below.

IS THE PLANNING PROPOSAL THE BEST MEANS OF ACHIEVING THE OBJECTIVES OR INTENDED OUTCOMES OR IS THERE A BETTER WAY?

It is considered the PP is the best means of achieving the objectives / intended outcomes. Under the current Central River City SEPP, the maximum building height and FSR provisions do not reflect the strategic location of the site, noting its proximity to public transport, the town centre, employment opportunities and regional open space.

The proposed amendments are the most effective means of delivering a range of housing types in an accessible location.

5.2 RELATIONSHIP TO STRATEGIC PLANNING FRAMEWORK

IS THE PLANNING PROPOSAL CONSISTENT WITH THE OBJECTIVES AND ACTIONS CONTAINED WITHIN THE APPLICABLE REGIONAL OR SUBREGIONAL STRATEGY (INCLUDING THE SYDNEY METROPOLITAN PLAN AND EXHIBITED DRAFT STRATEGIES)?

5.2.1.1 Greater Sydney Region Plan, A Metropolis of Three Cities

The Greater Sydney Region Plan, *A Metropolis of Three Cities* (Sydney Region Plan) is built on a vision of *three cities where most residents live 30 minutes of their jobs, education and health facilities, services and great places.* The Sydney Region Plan acknowledges that to meet the needs of a growing and changing population, the vision seeks to transform Greater Sydney into a metropolis of three cities:

- The Western Parkland City;
- The Central River City; and
- The Eastern Harbour City.

The site is situated in the Central River City, an area that the Sydney Region Plan acknowledges will grow substantially capitalising on its location close to the geographic centre of Greater Sydney and the unprecedented public and private investment that is contributing to new transport and other infrastructure.

The Sydney Region Plan identifies 10 directions for the metropolis of three cities, these being:

Infrastructure and Collaboration

• A city supported by infrastructure	Infrastructure supporting new developments
• A collaborative city	Working together to grow a Greater Sydney
Liveability	
A city for people	Celebrating diversity and putting people at the heart of planning
Housing the city	Giving people housing choices
• A city of great places	Designing places for people
Productivity	
• A well-connected city	Developing a more accessible and walkable city
• Jobs and skills for the city	Creating the conditions for a stronger economy

Sustainability

•	A city in its landscape	Valuing green spaces and landscape
•	An efficient city	Using resources wisely
•	A resilient city	Adapting to a changing world

Of key relevance to the PP is the 'Liveability' direction of Housing the city, in particular Objective 10 (Greater housing supply) and Objective 11 (Housing is more diverse and affordable).

Objective 10 – Greater housing supply

This objective identifies the need for ensuring a steady supply of market housing in locations that are well supported by existing or planned services and amenity, with an emphasis on public transport access.

The NSW Government has identified that 725,000 additional homes will be needed by 2036 to meet demand based on current population projections. By 2056, it is anticipated that significant further housing supply will be required to meet Greater Sydney's continued strong population growth.

As part of this unprecedented level of supply, a range of housing types, tenures and price points will be needed to meet demand. The Sydney Region Plan acknowledges that *good strategic planning can link the delivery of new homes in the right locations with local infrastructure* and that *developers also play an important role in supporting housing outcomes. The development industry needs to continually provide new housing and translate the development capacity created by the planning system into approvals and supply.*

The PP acknowledges the need for additional housing within an accessible location. The site is located within 200 metres of the Schofields Train Station (Blacktown/Richmond Rail line) and the proposed density increase will facilitate the delivery of more housing in an accessible location, where the benefits gained from the proximity of the site to public transport can be maximised.

In addition to the recent duplication of the tracks at Schofields station, a 700-space commuter carpark has been delivered. It is understood that there are future plans for Schofields station to be further upgraded to provide 4 tracks, which will reinforce the station as a key public transport hub.

The existing North-West Metro is also proposed to be extended to Schofields and St Marys, through to the Western Sydney Aerotropolis, which will connect the site to additional employment opportunities.

Objective 11 – Housing is more diverse and affordable

This objective acknowledges that across Greater Sydney, both home renters and purchasers face housing affordability challenges. Greater Sydney has been measured as being one of the least affordable housing markets globally12 and is the least affordable Australian city. This has been exacerbated in the past five years by rapid home price growth.

Factors that contribute to rental and purchasing affordability challenges include the limited availability of smaller dwellings to meet the growing proportion of small households as well as the growing distance between areas where housing is affordable and the location of employment and education opportunities. An examination of housing needs reaffirms the critical importance of providing a diversity of housing across the housing continuum in Greater Sydney.

The housing continuum recognises the fundamental importance of household income on the ability to access housing of different types, cost and tenure (refer to Figure 19). Households on moderate, low or very low incomes, who spend more than 30 per cent of their income on housing, are impacted in their ability to pay for essential items like food, clothing, transport and utilities. Lower income households (earning up to approximately \$67,600 per annum) without other financial support cannot afford the average rental cost for even more moderately priced areas of Greater Sydney, which are generally on the outskirts of Greater Sydney (refer to Figure 20). Cities require a range of workers to be close to centres and jobs. An absence of affordable housing often results in workers having to commute for long distances. A range of housing choices, including

affordable rental housing reduces the need for people to go into social housing and also supports a pathway for people to move out of social housing.



Figure 10: Extract of the Housing Continuum (Source: GCC, 2018)

This objective relevantly provides that other initiatives to support housing diversity and affordability are market led. These include innovative purchase and rental models, small/medium scale owner-developer apartment projects that employ flexible design and delivery outcomes, and institutionally delivered and managed rental accommodation in purpose designed rental buildings – referred to as build to rent. These forms of rental accommodation need to be delivered close to public transport and centres and offer the opportunity to include Affordable Rental Housing Schemes, if viable.

The Social and Community Infrastructure Assessment, prepared by Hill PDA to accompany this PP relevantly provides that it is important to note that the PP is proposed to incorporate 33 percent build-to-rent, social and affordable housing, which meet the benchmarks identified by the former Greater Sydney Commission for 5-10 per cent of the uplift value in high growth areas to be allocated to affordable housing. This would meet Blacktown City Council's vision by adding to the supply of affordable housing in the area and contributing to improved housing diversity within the region.

5.2.1.2 <u>Central City District Plan</u>

The Central City District is the central and major component of the Central River City, as identified in the Sydney Region Plan. The Central City District Plan (District Plan) is a 20 year plan to manage growth in the context of economic, social and environmental matters to achieve the 40 year vision of Greater Sydney. It is a guide for implementing the Sydney Region Plan at a district level; providing a bridge between regional and local planning.

The District Plan informs LSPS and LEPs, the assessment of planning proposals as well as community strategic plans and policies. The District Plan also assists councils to plan for and support growth and change and align their local planning strategies to place-based outcomes. As has been mentioned previously, a key driver for the proposed amendments to building height and FSR are the site's context within an accessible location in proximity to facilities to meet the day-to-day needs of residents having regard to the Alex Avenue Town Centre.

Of relevance is the direction for liveability, as detailed in the following Table 2.

Table 2 Directions for liveability

Direction	Response
Housing the city Planning Priority C5 Providing housing supply, choice and affordability with access to jobs, services and public transport	The PP will facilitate the delivery of a mix of market, build-to-rent, social and affordable housing stock that will cater to the diverse and varied needs of the community. The site is located within 200 metres of the Schofields Train Station (Blacktown/Richmond Rail line), to the north. In addition to the recent duplication of the tracks at Schofields station a 700 space commuter carpark has also been delivered. It is understood that there are future plans for Schofield station to be further upgraded to provide 4 tracks, which will reinforce the station as a key public transport hub. The site is also situated within 80 metres of the Alex Avenue Town Centre to the north which includes the Schofields Village Shopping Centre. Schofields Village includes a Coles supermarket, McDonalds restaurant, various retail shops and restaurants and a child care centre. The Town Centre will also include a town park for public recreation.

5.2.1.3 Housing 2041 NSW Housing Strategy

Housing 2041 – NSW Housing Strategy (Housing 2041) represents a 20-year vision for housing in NSW. It embodies the government's goals and ambitions to deliver better housing outcomes by 2041— housing in the right locations, housing that suits diverse needs and housing that feels like home.

By implementing Housing 2041 the NSW Government aims to achieve the following overarching objectives, all of which are integrated and aligned with the four key pillars of housing needs; supply, diversity, affordability and resilience. The following **Table 2** identifies the relevant objectives and how the PP is responding to each:

Table 3 Objectives of Housing 2041

Objective	Response
<i>To deliver housing supply in the right locations at the right time</i>	The proposed amendments to the maximum building height and maximum FSR would support the precinct vision by facilitating additional residential housing to meet the needs of the community in an accessible location, noting the proximity of the site to the Schofields Train Station and the Alex Avenue Town Centre. The PP will also contribute to the provision of affordable housing to meet the needs of the community.
To provide housing that is diverse and meets varied and changing needs	The PP will facilitate the delivery of a mix of market, build-to-rent, social and affordable housing stock that will cater to the diverse and varied needs of the community.
<i>To provide housing that is affordable and secure</i>	Of the additional yield generated by the PP, 33 percent will comprise a mix build-to-rent, social and affordable housing for the community.
To deliver enduring and resilient housing	The proposed mix of housing and its strategic location will ensure the ongoing viability of the development generated by the PP.

The key forms of housing identified in Housing 2041 which the PP will facilitate are:

- Affordable rental housing/affordable housing for very low to moderate income households.
- Build-to-rent housing, a housing product that refers to the construction of a property for rental purposes. It offers increased security of tenure, more choice, property management and high quality places to live for renters.

IS THE PLANNING PROPOSAL CONSISTENT WITH LOCAL COUNCIL'S COMMUNITY STRATEGIC PLAN OR OTHER LOCAL PLANS?

5.2.1.4 Blacktown Local Strategic Planning Statement 2020

The Blacktown Local Strategic Planning Statement 2020 (LSPS) sets out a 20-year vision for the future of Blacktown City as it grows and changes. The 20-year vision of the LSPS is for *a planned city of sustainable growth, supported by essential infrastructure, efficient transport, a prosperous economy and equitable access to a vibrant, healthy lifestyle.* The LSPS acknowledges that the population of the Blacktown LGA is forecast to hit 612,000 people by 2041, generating the need for 223,100 dwellings to cater for the projected population.

The LSPS divides the Blacktown LGA into four (4) precincts, with the site located in the Riverstone Precinct, which is bounded to the south by the M7 Motorway, to the west by Eastern Creek and to the east and north by boundaries with the Hawkesbury and The Hills LGAs.



Figure 11: Extract of Riverstone Precinct Structure Plan (Source: BCC, 2020)

The LSPS acknowledges that new housing will be developed in new communities within the North West Growth Area and that the Sydney Metro will connect Tallawong Station to Schofields Station. A duplicated Richmond Rail Line, beyond Schofields Station, will also be completed. Improvements to public transport will mean more people will be able to access Rouse Hill Strategic Centre within 30 minutes by public transport.

The Western Sydney Parklands will be extended along Eastern Creek to South Creek in public ownership. Together with protecting precious environmental lands, this will create the opportunity to provide walking and cycling paths that link into the broader Greater Sydney Green Grid.

The following Table 3 identifies the applicable Local Planning Priorities of the LSPS and how the PP responds:

Table 4	LSPS Local	l Planning	Priorities
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Planning Priority	Statement of Consistency
Local Planning Priority 5: <i>Providing housing supply, choice and affordability</i> <i>with access to jobs, services and public transport</i>	The PP will facilitate the delivery of additional housing supply in an accessible location. The development generated by the PP will deliver in the order of 1,751 new dwellings, 33 percent of which will comprise a mix of build-to-rent, social and affordable housing to promote housing choice and affordability.
	The site is situated within 200 metres of the Schofields Train Station (Blacktown/Richmond Rail line) and the proposed density increase will facilitate the delivery of more housing in an accessible location, where the proximity of the site to public transport can be maximised.
	In addition to the recent duplication of the tracks at Schofields station, a 700 space commuter carpark has been delivered. It is understood that there are future plans for Schofields station to be further upgraded to provide 4 tracks, which will reinforce the station as a key public transport hub.
	The existing North-West Metro is also proposed to be extended to Schofields and St Marys, through to the Western Sydney Aerotropolis, which will connect the site to additional employment opportunities.
Local Planning Priority 7:	The PP will facilitate additional residential development within an accessible location. The amendments sought
<i>Delivering integrated land use and transport planning and a 30-minute city</i>	through the PP will facilitate development that will get the full benefit of the site's proximity to the Schofields Train Station and the Alex Avenue Town Centre.

5.2.1.5 Our Blacktown 2041 Community Strategic Plan

The Out Blacktown 2041 Community Strategic Plan ('CSP') has 6 strategic directions, with each strategic direction containing strategies that identify how Council, along with partners and stakeholders, will work towards achieving the directions. The development of the CSP has been guided by and is based on the following principles:

- Sustainability;
- Leadership;
- Equity;
- Partnership; and
- Excellence.

Of the 6 strategic directions, the most relevant to this PP is 'A growing city supported by accessible infrastructure.' An assessment of the PP against this strategic direction is provided in the following **Table 4**:

Table 5 Assessment against the relevant CSP Direction

CSP Direction	Statement of Consistency
A growing city supported by accessible infrastru	cture
Focus areas	The PP will facilitate the delivery of additional housing supply in an accessible location. The
• A strategic urban planning framework which encourages sustainable growth	development generated by the PP will deliver in the order of 1,751 new dwellings, 33 percent of which
• Delivery of infrastructure to support the growing City	will comprise a mix of build-to-rent, social and affordable housing to promote housing choice and affordability.
• Housing supply supports affordability, diversity of choice and liveability	

5.2.1.6 Blacktown Housing Strategy 2020

The Blacktown Housing Strategy 2020 (Housing Strategy) supports the LSPS and sets out a 20-year housing vision for Blacktown City as it grows and changes. The Housing Strategy acknowledges that *the market is shifting to more medium and high density developments, concentrated in greenfield areas and Urban Renewal Precincts.* The Housing Strategy *aims to concentrate housing growth in established areas around key Strategic Centres and transport nodes that provide significant opportunities for urban renewal, and in new release areas in the North West Growth Area.*

The Housing Strategy notes that *there are long wait times for social housing (5–10 years and up to 10–15 years for larger dwellings), which is indicative of undersupply. There are currently 2,300 households on the waiting list for social and community housing.* The Housing Strategy further states that *a decline in social housing stock over the last decade has exacerbated undersupply. As at 2016, it was estimated that a minimum of 9,200 additional affordable housing dwellings could be utilised if they were available, by eligible households. This demand could escalate to 15,000–20,000 more affordable homes required in the LGA by 2036.*

Of the estimated 1,751 dwellings that the PP would facilitate, 33 percent will be delivered as build-to-rent, social and affordable housing. This will make a significant contribution to easing the current undersupply of social housing within the Blacktown LGA.

The proximity of the site to the Schofields Train Station and its location within a rezoned precinct (Alex Avenue) of the North West Growth Area make it a prime site to achieve the aims of the Housing Strategy. The Housing Strategy provides revised housing and population forecasts for the North West Growth Area, noting that the original Precinct Plan for the Alex Avenue Precinct envisaged demand for 6,240 lots/dwellings to accommodate the forecast population growth of 18,000 residents, across the 420 gross hectare precinct area. The housing strategy has provided a revised forecast which identifies the need for 8,706 lots/dwellings for a population increase of 25,325 people within the Alex Avenue Precinct; an increase of 2,466 lots/dwellings from the original precinct plan.

The additional dwellings that would be facilitated through the PP will make a significant contribution to delivering the additional dwellings and accommodating the population increase forecast in the Housing Strategy.

The following **Table 6** provides details of the Housing Strategy Priorities and how the PP responds to each:

Table 6 Assessment against the Housing Strategy Priorities

Housing Strategy Priority	Statement of Consistency	
1. Plan for housing supply to meet population growth	The additional dwellings generated by the PP will contribute to the provision of additional housing supply to support the growing population of the Blacktown LGA.	
2. Plan for housing supported by infrastructure	This PP is accompanied by an Infrastructure and Services Report prepared by Lucas Consulting Engineers Pty Limited which advises that the development facilitated by the PP is capable of being adequately serviced.	
<i>3. Plan for appropriate housing in suitable location</i>	The PP will facilitate additional residential development within an accessible location. The amendments sought through the PP will facilitate development that will get the full benefit of the site's proximity to the Schofields Train Station and the Alex Avenue Town Centre.	
<i>4. Plan for diversity and choice in housing</i>	The PP will facilitate the delivery of a mix of market, build-to-rent, social and affordable housing that will promote housing diversity and choice.	
5. Plan to improve housing affordability	Of the estimated 1,751 dwellings that the PP would facilitate, 33 percent will be delivered as build-to-rent, social and affordable housing. This will make a significant contribution to easing the current undersupply of social housing within the Blacktown LGA.	
6. Promote excellence in housing design	The detailed design of the development facilitated by the PP will be subject to a State Significant Development assessment.	
7. Improve housing resilience and sustainability	The detailed design of the development facilitated by the PP will be subject to a State Significant Development assessment.	

5.2.1.7 North West Priority Growth Area Land Use and Infrastructure Implementation Plan

The North West Priority Growth Area Land Use and Infrastructure Implementation Plan (Implementation Plan) outlines plans for the growing North West Priority Growth Area and the infrastructure needed to support that growth. The Implementation Plan's development is guided by the NSW Government's 20-year metropolitan plan 'A Plan for Growing Sydney.'

The site forms part of the North West Priority Growth Area, which is close to a number of key transport nodes and established areas of employment, including:

- Rouse Hill and Norwest Business Park
- state and regional road network connections, including Windsor Road, Richmond Road, The Northern Road and M7 Motorway, providing connections to the M4 Motorway to Blacktown, Penrith and Parramatta
- Sydney Metro Northwest connecting the North West Priority Growth Area to Chatswood via Epping with the construction of eight new stations
- the town centres of Rouse Hill, Blacktown, Penrith and Castle Hill

- to the southwest and east which provide retail, commercial and
- industrial uses, and associated employment
- a public transport corridor from the Sydney Metro Northwest towards Marsden Park.



Figure 12: North West Priority Growth Area (Source: NSW Government, 2017)

The Infrastructure Plan notes that precincts are rezoned following Precinct Planning Process, which includes the preparation of an Indicative Layout Plan to guide the future urban structure and a development control plan that details planning controls to enable defined development outcomes. The site is located in the rezoned Alex Avenue Precinct and is subject to the provisions of the Growth Centre DCP.

Section 5 (Key considerations) of the Implementation Plan identifies 'affordable housing and housing affordability' as a continuing challenge for many households. In response to the Department's 2014 Housing Diversity Package, developers are providing a broader range of housing types, including small lot housing and apartments.

The Implementation Plan acknowledges that housing affordability needs to be addressed through exploring opportunities within the North West Priority Growth Area such as:

- independently assessing need and viability of the development feasibility of a nominated affordable rental housing target;
- support councils to achieve additional affordable housing;
- undertake broad approaches to facilitate affordable housing, such as through planning approaches that support the community housing sector to better leverage housing affordability supply outcomes, and more cost effective and innovative building approaches
- support social housing.

Of the estimated 1,751 dwellings that the PP would facilitate, 33 percent will be delivered as build-to-rent, social and affordable housing. This will make a significant contribution to easing the current undersupply of social housing within the Blacktown LGA.

Section 6 (Land use and infrastructure) of the Implementation Plan identifies a new growth corridor along Schofields Road from Rouse Hill to Marsden Park as shown in the following Figure 13.



Figure 13: Schofields Road Corridor (Source: NSW Government, 2017)

The Schofields Station Interchange is identified as a key transport node which has the potential to support higher densities. The PP acknowledges the proximity of the site to the Schofields Station Interchange and its ability to facilitate a higher density.



IS THE PLANNING PROPOSAL CONSISTENT WITH APPLICABLE STATE ENVIRONMENTAL PLANNING POLICIES?

State Environmental Planning Policies (SEPP's) considered relevant to the Proposal along with an assessment against them is provided in **Table 7** below.

Table 7	Assessment	against	current	SEPPs
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Name of SEPP	Comment	Consistency
<i>SEPP (Biodiversity and Conservation) 2021</i>	The site is situated within the Hawkesbury-Nepean Catchment and the provisions of Chapter 6 (Water catchments) of the Biodiversity and Conservation SEPP are applicable to the site, specifically Part 6.2 (Development in regulated catchments).	Yes
	This PP is accompanied by an Infrastructure and Services Report which relevantly provides that the increase in density generated by the PP would not impact the stormwater design for the current residential density, as there would be no increase in paved areas and hence, no change to the volume of water leaving the site.	
<i>SEPP (Building Sustainability Index: BASIX) 2004</i>	The future built form generated by the PP would be capable of demonstrating compliance with BASIX provisions.	Yes
SEPP (Housing) 2021	The aims of the policy encourage the provision of affordable housing and diverse housing types.	Yes
	The PP will facilitate the delivery of a mix of build-to-rent, social and affordable housing which will comprise 33 percent of the anticipated 1,751 dwelling yield.	
<i>SEPP 65 – Design Quality of Residential Apartment Development</i>	SEPP 65 aims to improve the design quality of residential apartments. The architectural concept work undertaken to inform this PP, including the building footprints and massing, has been informed by the provisions of SEPP 65 as they relate to building separation and setbacks, landscape area, deep soil provision and communal open space. The concept work undertaken has sought to establish a foundation for the future detailed built form design work.	Yes
<i>SEPP (Planning Systems) 2021</i>	Chapter 2 (State and Regional Development) identifies the thresholds for State Significant Development (SSD), it is anticipated that the development generated by the PP would form a SSD application.	Yes
<i>SEPP (Precincts – Central River City) 2021</i>	 This PP seeks to amend the maximum building height and maximum FSR provisions at Appendix 7 (Alex Avenue and Riverstone Precinct Plan) of SEPP (Precincts – Central River City) 2021. No other change is sought to the remaining provisions of the SEPP. 	Yes
<i>SEPP (Resilience and Hazards) 2021</i>	Chapter 4 (Remediation of Land) aims to promote the remediation of contaminated land for the purpose of reducing risk to harm to human health. A Stage 1 Preliminary and Stage 2 Detailed Site Investigation (PSI/DSI) has been prepared by Construction	Yes

Name of SEPP	Comment	Consistency
	Planning Policy (Resilience and Hazards) 2021, by undertaking an assessment of the potential for contamination to be present on the site, arising from past and present land use activities.	
	In accordance with the recommendations of the PSI/DSI, a Remedial Action Plan (RAP) has been prepared by Construction Sciences to address the identified contamination risks onsite and to address the identified data gaps onsite.	
<i>SEPP (Transport and Infrastructure) 2021</i>	Chapter 2 (Infrastructure) of the Transport and Infrastructure SEPP 2021 relevantly identifies criteria to be addressed for development in or adjacent to rail corridors and interim rail corridors.	Yes
	It is acknowledged that the site is opposite the rail corridor and the provisions of Section 2.98 (Development adjacent to rail corridors) and Section 2.100 (Impact of rail noise or vibration on non-rail development) may apply to the future built form generated by the PP.	
	It is anticipated that Sydney Trains would be afforded the opportunity to provide comment on the PP at the public exhibition phase.	



IS THE PLANNING PROPOSAL CONSISTENT WITH THE APPLICABLE MINISTERIAL DIRECTIONS?

The current Ministerial Directions(as at 13 December 2022) along with an assessment is provided in **Table 8** below:

Table 8 Assessment against current Ministerial Directions.

Ministerial Principles Direction		Commentary
1. Planning Systems		
1.1 Implementation of Regional Plans	(1) Planning proposals must be consistent with a Regional Plan released by the Minister for Planning and Public Spaces	The proposal has taken into consideration the Regional Plan applicable to the site.
1.2 Development of Aboriginal Land Council Land	 (1) When preparing a planning proposal to which this direction applies, the planning proposal authority must take into account: (a) any applicable development delivery plan made under the chapter 3 of the State Environmental Planning Policy (Planning Systems) 2021; or (b) if no applicable development delivery plan has been published, the interim development delivery plan published on the Department's website on the making of this direction 	This Ministerial Direction is not relevant to the proposal.
1.3 Approval and Referral Requirements	 (1) A planning proposal to which this direction applies must: (a) minimise the inclusion of provisions that require the concurrence, consultation or referral of development applications to a Minister or public authority, and (b) not contain provisions requiring concurrence, consultation or referral of a Minister or public authority unless the relevant planning authority has obtained the approval of: i. the appropriate Minister or public authority, and ii. the Planning Secretary (or an officer of the Department nominated by the Secretary), prior to undertaking community consultation in satisfaction of Schedule 1 to the EP&A Act, and (c) not identify development as designated development unless the relevant planning authority: i. can satisfy the Planning Secretary (or an officer of the Department nominated by the Secretary) that the class of development is likely to have a significant impact on the environment, and ii. has obtained the approval of the Planning Secretary (or an officer of the Department nominated by the Secretary) prior to undertaking community consultation in satisfaction of Schedule 1 to the EP&A Act 	 The proposal: Would not increase the provision requiring concurrence or referral. Does not contain provisions requiring concurrence unless approval is obtained. is not identified as being designated development.
1.4 Site Specific Provisions	 (1) A planning proposal that will amend another environmental planning instrument in order to allow particular development to be carried out must either: (a) allow that land use to be carried out in the zone the land is situated on, or 	The proposal would not cause any unnecessarily restrictive site planning controls.

Ministerial Principles	Direction	Commentary
	 (b) rezone the site to an existing zone already in the environmental planning instrument that allows that land use without imposing any development standards or requirements in addition to those already contained in that zone, or (c) allow that land use on the relevant land without imposing any development standards or requirements in addition to those already contained in the principal environmental planning instrument being amended. (2) A planning proposal must not contain or refer to drawings that show details of the proposed development. 	
1.5 Parramatta Road Corridor	(1) A planning proposal that applies to land in the nominated local government areas within	The site is not located within the
Urban Transformation Strategy	 (a) planning proposal that applies to faile in the noninated focal government areas within the Parramatta Road Corridor must: (a) give effect to the objectives of this direction, (b) be consistent with the Strategic Actions within the Parramatta Road Corridor Urban Transformation Strategy (November 2016), (c) be consistent with the Parramatta Road Corridor Planning and Design Guidelines (November 2016) and particularly the requirements set out in Section 3 Corridor-wide Guidelines and the relevant Precinct Guidelines, (d) be consistent with the staging and other identified thresholds for land use change identified in the Parramatta Road Corridor Implementation Plan 2016 – 2023 (November 2016), and the Parramatta Road Corridor Urban Transformation Implementation Update 2021, as applicable, (e) contain a requirement that development is not permitted until land is adequately serviced (or arrangements satisfactory to the relevant planning authority, or other appropriate authority, have been made to service it) consistent with the Parramatta Road Corridor Implementation Planning (November 2016), (f) he consistent with the relevant District Plan 	Paramatta Road Corridor, therefore consideration of this Direction if not applicable.
1.6 Implementation of Northwest Priority Growth Area Land Use and Infrastructure Implementation Plan	 (1) Planning proposals to which this direction applies shall be consistent with the Northwest Priority Growth Area Land Use and Infrastructure Strategy. 	The site is not located within the Northwest Priority Growth Area. The PP is not inconsistent with the Northwest Priority Growth Area Land Use and Infrastructure Strategy.
1.7 Implementation of the Greater Parramatta Priority Growth Area Interim Land Use and Infrastructure Implementation Plan	(1) Planning proposals shall be consistent with the interim Plan published in July 2017.	The site is not located within the Greater Paramatta Priority Growth Area, therefore consideration of this Direction if not applicable.
1.8 Implementation of Wilton Priority Growth Area Interim Land Use and Infrastructure Implementation Plan	(1) A planning proposal is to be consistent with the Interim Land Use and Infrastructure Implementation Plan and Background Analysis, approved by the Minister for Planning and Public Spaces and as published on 5 August 2017 on the website of the Department of Planning, Industry and Environment (Implementation Plan).	The site is not located within the Wilton Priority Growth Area, therefore consideration of this Direction if not applicable.

Ministerial Principles	Direction	Commentary
1.9 Implementation of Glenfield to Macarthur Urban Renewal Corridor	(1) A planning proposal is to be consistent with the precinct plans approved by the Minister for Planning and Public Spaces and published on the Department's website on 22 December 2017	The site is not located within the Glenfield to Macarthur Urban Renewal Corridor, therefore consideration of this Direction if not applicable.
1.10 Implementation of the Western Sydney Aerotropolis Plan	(1) A planning proposal is to be consistent with the Western Sydney Aerotropolis Plan approved by the Minister for Planning and Public Spaces and as published on 10 September 2020 on the website of the Department of Planning, Industry and Environment.	This Ministerial Direction is not relevant to the proposal.
1.11 Implementation of Bayside West Precincts 2026 Plan	(1) A planning proposal authority must ensure that a planning proposal is consistent with the Bayside West Precincts 2036 Plan, approved by the Minister for Planning and Public Spaces and published on the Department of Planning, Industry and Environment website in September 2018	The site is not located within the Bayside West Precinct, therefore consideration of this Direction if not applicable.
1.12 Implementation of Planning Principles for the Cooks Cove Precinct	 (1) A planning proposal authority must ensure that a planning proposal is consistent with the following principles: (a) Enable the environmental repair of the site and provide for new recreation opportunities. (b) Not compromise future transport links (such as the South-East Mass Transit link identified in Future Transport 2056 and the Greater Sydney Region Plan) that will include the consideration of the preserved surface infrastructure corridor, noting constraints, including the Cooks River, geology, Sydney Airport, and existing infrastructure will likely necessitate consideration of future sub-surface solutions and potential surface support uses. (c) Create a highly liveable community that provides choice for the needs of residents, workers, and visitors to Cooks Cove. (d) Ensure best practice design and a high-quality amenity with reference to the NSW design policy Better Placed. (e) Deliver an enhanced, attractive, connected and publicly accessible foreshore and public open space network and protect and enhance the existing market garden. (f) Safeguard the ongoing operation of Sydney Airport. (g) Enhance walking and cycling connectivity and the use of public transport to encourage and support a healthy and diverse community and help deliver a 30-minute city. (h) Deliver a safe road network that balances movement and place, provides connections to the immediate and surrounding areas, and is cognisant of the traffic conditions in this area; and (i) Enhance the environmental attributes of the site, including protected flora and fauna, riparian areas and wetlands and heritage 	The site is not located within the Cooks Cove Precinct, therefore consideration of this Direction if not applicable.
1.13 Implementation of St Leonards and Crows Nest 2036 Plan	(1) A planning proposal authority must ensure that a planning proposal is consistent with the St Leonards and Crows Nest 2036 Plan, approved by the Minister for Planning and Public Spaces and published on the Department of Planning, Industry and Environment website on 29 August 2020.	This Ministerial Direction is not relevant to the proposal.
1.14 Implementation of Greater Macarthur 2040	(1) A planning proposal authority must ensure that a planning proposal is consistent with Greater Macarthur 2040, approved by the Minister for Planning and Public Spaces and as	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	published on 19 November 2018 on the website of the Department of Planning, Industry and Environment.	
1.15 Implementation of the Pyrmont Peninsula Place Strategy	 (1) A planning proposal authority must ensure that a planning proposal is consistent with the Pyrmont Peninsula Place Strategy, approved by the Minister for Planning and Public Spaces and published on the Department of Planning, Industry and Environment website on 11 December 2020, including that it: (a) gives effect to the objectives of this direction and the Vision (Part 5) of the Pyrmont 	This Ministerial Direction is not relevant to the proposal.
	Peninsula Place Strategy, (b) is consistent with the 10 directions (Part 6) and Structure Plan (Part 8) in the Pyrmont Peninsula Place Strategy, (c) delivers on envisored future character for sub precipits (Part 0), including relevant place	
	priorities in the Pyrmont Peninsula Place Strategy, and (d) supports the delivery of the Big Moves (Part 7) in the Pyrmont Peninsula Place Strategy	
1.16 North West Rail Link Corridor Strategy	 (1) A planning proposal that applies to land located within the NWRL Corridor must: (a) give effect to the objectives of this direction (b) be consistent with the proposals of the NWRL Corridor Strategy, including the growth projections and proposed future character for each of the NWRL precincts (c) promote the principles of transit-oriented development (TOD) of the NWRL Corridor Strategy 	This Ministerial Direction is not relevant to the proposal.
1.17 Implementation of the Bays west Place Strategy	 (1) A planning proposal authority must ensure that a planning proposal is consistent with the Bays West Place Strategy, approved by the Minister for Planning and published on the Department of Planning and Environment website on 15 November 2021, including that it: (a) gives effect to the objectives of this Direction and the Vision of the Bays West Place Strategy, (b) is consistent with the 14 Directions and Structure Plan(s) in the Bays West Place Strategy, (c) delivers on envisaged future character for sub-precincts, and (d) supports the delivery of the Big Moves in the Bays West Place Strategy 	This Ministerial Direction is not relevant to the proposal.
1.18 Implementation of the Macquarie Park Innovation Precinct	 (1) A planning proposal authority must ensure that a planning proposal is consistent with the Place Strategy (August 2022) and Master Plan (August 2022), approved by the Minister for Planning and Minister for Homes and published on the Department of Planning and Environment website on 30 September 2022. (2) A planning proposal must also: (a) ensure the rezoning of land is aligned with the delivery of infrastructure, requiring any proposal to rezone land within the Macquarie Park Investigation Area to: i. incorporate the outcomes of the Macquarie Park Innovation Precinct Detailed Transport Study; ii. incorporate and address requirements of the Infrastructure Delivery Plan: 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	iii. ensure funding mechanisms are in place for the delivery of infrastructure required to support the growth proposed by the planning proposal, prior to rezoning, including local and regional infrastructure requirements.	
	(b) ensure 'Out of Sequence planning' landowner led planning proposals informed by detailed neighbourhood master plans are only progressed where full landowner agreement is achieved.	
	(c) ensure implementation aligns with the intent of the Waterloo Road Master Plan, prepared by Hassell, Version 3 date 28.8.2020, for City of Ryde and published by the City of Ryde council website https://www.ryde.nsw.gov.au/files/assets/public/development/waterloo-road- active-street-master-plan-final-master-plan.pdf.	
1.19 Implementation of the Westmead Place Strategy	(1) A planning proposal authority must ensure that a planning proposal is consistent with the Westmead Place Strategy, approved by the Minister for Planning and published on the Department of Planning and Environment.	This Ministerial Direction is not relevant to the proposal.
1.20 Implementation of the Camellia-Rosehill Place Strategy	(1) A planning proposal authority must ensure that a planning proposal to which this Direction applies is consistent with the Camellia-Rosehill Place Strategy, approved by the Minister for Planning and published on the Department of Planning and Environment website.	This Ministerial Direction is not relevant to the proposal.
1.21 Implementation of South West Growth Area Structure Plan	(1) A planning proposal authority must ensure that a planning proposal is consistent with the Structure Plan and Guide approved by the Minister for Planning and as published in December 2022 on the website of the Department of Planning and Environment.	This Ministerial Direction is not relevant to the proposal.
1.22 Implementation of the Cherrybrook Station Place Strategy	(1) A planning proposal authority must ensure that a planning proposal is consistent with the Cherrybrook Station Precinct Place Strategy, approved by the Minister for Planning and published on the Department of Planning and Environment website.	This Ministerial Direction is not relevant to the proposal.
Biodiversity and Conservation		
3.1 Conservation Zones	 (1) A planning proposal must include provisions that facilitate the protection and conservation of environmentally sensitive areas. (2) A planning proposal that applies to land within a conservation zone or land otherwise identified for environment conservation/protection purposes in a LEP must not reduce the conservation standards that apply to the land (including by modifying development standards that apply to the land). This requirement does not apply to a change to a development standard for minimum lot size for a dwelling in accordance with Direction 9.3 (2) of "Rural Lands". 	This Ministerial Direction is not relevant to the proposal.
3.2 Heritage Conservation	 (1) A planning proposal must contain provisions that facilitate the conservation of: (a) items, places, buildings, works, relics, moveable objects or precincts of environmental heritage significance to an area, in relation to the historical, scientific, cultural, social, archaeological, architectural, natural or aesthetic value of the item, area, object or place, identified in a study of the environmental heritage of the area, (b) Aboriginal objects or Aboriginal places that are protected under the National Parks and Wildlife Act 1974, and (c) Aboriginal areas, Aboriginal objects, Aboriginal places or landscapes identified by an Aboriginal heritage survey prepared by or on behalf of an Aboriginal Land Council, Aboriginal 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	body or public authority and provided to the relevant planning authority, which identifies the area, object, place or landscape as being of heritage significance to Aboriginal culture and people.	
3.3 Sydney Drinking Water Catchments	 (1) A planning proposal must be prepared in accordance with the general principle that water quality within the Sydney drinking water catchment must be protected, and in accordance with the following specific principles: (a) new development within the Sydney drinking water catchment must have a neutral or beneficial effect on water quality (including groundwater), and (b) future land use in the Sydney drinking water catchment should be matched to land and water capability, and (c) the ecological values of land within a Special Area should be maintained. (2) When preparing a planning proposal, the planning proposal authority must: (a) consult with Water NSW, describing the means by which the planning proposal gives effect to the water quality protection principles set out in paragraph (1) of this direction, and (b) ensure that the proposal is consistent with Part 6.5 of Chapter 6 of the State Environmental Planning Policy (Biodiversity and Conservation) 2021, and (c) identify any existing water quality (including groundwater) risks to any waterway occurring on, or adjacent to the site, and (d) give consideration to the outcomes of the Strategic Land and Water Capability Assessment prepared by WaterNSW, and (e) zone land within the Special Areas (f) include a copy of any information received from WaterNSW as a result of the consultation process in its planning proposal prior to the issuing of a gateway determination under section 3 34 of the EP&A Act 	This Ministerial Direction is not relevant to the proposal.
3.4 Application of C2 and C3 Zones and Environmental Overlays in Far North Coast LEPS	(1) A planning proposal that introduces or alters an C2 Environmental Conservation or C3 Environmental Management zone or an overlay and associated clause must apply that proposed C2 Environmental Conservation or C3 Environmental Management zone, or the overlay and associated clause, in line with the Northern Councils C Zone Review Final Recommendations.	This Ministerial Direction is not relevant to the proposal.
3.5 Recreation Vehicle Areas	 (1) A planning proposal must not enable land to be developed for the purpose of a recreation vehicle area (within the meaning of the Recreation Vehicles Act 1983): (a) where the land is within a conservation zone, (b) where the land comprises a beach or a dune adjacent to or adjoining a beach, (c) where the land is not within an area or zone referred to in paragraphs (a) or (b) unless the relevant planning authority has taken into consideration: i. the provisions of the guidelines entitled Guidelines for Selection, Establishment and Maintenance of Recreation Vehicle Areas, Soil Conservation Service of New South Wales, September 1985, and 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	ii. the provisions of the guidelines entitled Recreation Vehicles Act 1983, Guidelines for Selection, Design, and Operation of Recreation Vehicle Areas, State Pollution Control Commission, September 1985.	
3.6 Strategic Conservation Planning	 (1) A planning proposal authority must be satisfied that a planning proposal that applies to avoided land identified under the State Environmental Planning Policy (Biodiversity and Conservation) 2021 demonstrates that it is consistent with: (a) the protection or enhancement of native vegetation, (b) the protection of threatened ecological communities, threatened species and their habitats, (c) the protection or enhancement of koala habitat and corridors, and (e) the protection of matters of national environmental significance. (2) A planning proposal authority must be satisfied that a planning proposal that applies to a strategic conservation area identified under the State Environmental Planning Policy (Biodiversity and Conservation) 2021 demonstrates that it is consistent with: (a) the protection or enhancement of native vegetation, (b) the minimisation of impacts on areas of regionally significant biodiversity, including threatened ecological communities, threatened species and their habitats, (c) the protection or enhancement of koala habitat and corridors, including habitat connectivity and fauna movement, and links to ecological restoration areas, and (d) the maintenance or enhancement of ecological function. (3) A planning proposal must not rezone land identified as avoided land in the State Environmental Planning Policy (Biodiversity and Conservation) 2021 to: (a) a rural, residential, employment, mixed use, SP1 Special Activities, SP2 Infrastructure, SP3 Tourist, SP4 Enterprise, SP5 Metropolitan Centre, RE2 Private Recreation, W4 Working Waterfront or equivalent zone. 	This Ministerial Direction is not relevant to the proposal.
3.7 Public Bushland	 (1) When preparing a planning proposal, the planning proposal authority must be satisfied that the planning proposal: is consistent with the objectives of this direction, and 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	(b) gives priority to retaining public bushland, unless the planning proposal authority is satisfied that significant environmental, economic or social benefits will arise that outweigh the value of the public bushland.	
3.8 Willandra Lakes Region	 (1) When preparing a planning proposal, the planning proposal authority must: (a) consult with the World Heritage Advisory Committee by: i. sending written notice to the Committee that asks it to comment, within the consultation period, on the impact of the proposed local environmental plan (as set out in the planning proposal) on the World Heritage Property, including its outstanding universal values, and ii. providing the Committee with a copy of the planning proposal with the written notice, and iii. as far as is practicable, giving effect to any recommendations of the Committee made within the consultation period about the proposed local environmental plan, and iv. considering any other comments made by the Committee within the consultation period in relation to the proposed local environmental plan, and (b) be satisfied the planning proposal is consistent with the following: i. the objectives of this direction, and ii. the plan of management prepared for Mungo National Park under the National Parks and Wildlife Act 1974, if applicable, and iii. a relevant strategic plan of management, and iv. a relevant individual property plan. (2) The World Heritage Advisory Committee may extend the 60-day consultation period by up to a further 60 days by advising the planning proposal authority in writing of the extension. 	This Ministerial Direction is not relevant to the proposal.
3.9 Sydney Harbour Foreshores and Waterways Area	 (1) When preparing a planning proposal, the planning proposal authority must consider whether the planning proposal: (a) is consistent with the following principles: i. Sydney Harbour is a public resource, owned by the public, to be protected for the public good, and ii. the public good has precedence over the private good, and iii. the protection of the natural assets of Sydney Harbour has precedence over all other interests, and (b) enables the following: i. the protection, maintenance and enhancement of the natural assets and unique environmental, visual, and cultural qualities of Sydney Harbour and its islands and foreshores, and ii. increased, maintained, or improved public access to and along the foreshore and to and from the waterways for public recreational purposes, while minimising impact on watercourses, wetlands, riparian lands and remnant vegetation, and iii. the retention of foreshore land to meet existing and future demand for working harbour uses, and 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
Ministerial Principles	 Direction iv. public access along foreshore land that does not interfere with industrial or commercial maritime uses, and v. foreshore land adjacent to land used for industrial or commercial maritime purposes is used for compatible purposes, and vi. links between water-based public transport and land-based public transport at appropriate public spaces along the waterfront, and (c) recognises and protects Sydney Harbour and its islands and foreshores as places of exceptional heritage significance by: acknowledging the significance of Sydney Harbour for local Aboriginal communities and the role it played in European occupation, and ii. conserving the significant fabric, settings, relics and views associated with the heritage significance of heritage items, and iv. conserving archaeological sites and places of Aboriginal heritage significance. (d) meets the targets set out in the NSW Water Quality and River Flow Objectives: Sydney Harbour and Parramatta River, as published by the Department of Planning and Environment. (1) When preparing a planning proposal, the planning proposal authority must be satisfied that the planning proposal achieves the following: (a) is consistent with the Australian and New Zealand Guidelines for Fresh and Marine Water Quality, as published by Water Quality Australia, and any water quality management plan prepared in accordance with those guidelines, (c) includes documentation, prepared by a suitably qualified person(s), indicating whether the planning proposal: i. is likely to have an adverse direct, indirect or cumulative impact on terrestrial, aquatic or migratory animals or vegetation, and any steps taken to minimise such impacts ii. is likely to have an adverse impact on recreational and uses within the regulated catchment (d) identifies and considers the cumulative impact of the planning proposal on water quality including on land adjacent to or d	Commentary The PP is accompanied by an Infrastructure and Services Report prepared by Lucas Consulting Engineers Pty Limited which has considered stormwater and flooding, refer to the discussion at the 'Stormwater and Flooding' section of this Report.
	 (including groundwater) and nows of natural waterbodies and on the environment more generally, including on land adjacent to or downstream of the area to which this direction applies, (e) identifies how the planning proposal will: i. protect and improve environmental values, having regard to maintaining biodiversity, and protecting native vegetation, cultural heritage and water resources (including groundwater), 	

Ministerial Principles	Direction	Commentary
	ii. impact the scenic quality of the natural waterbodies and the social, economic and environmental interests of the community.	
	iii. protect and rehabilitate land from current and future urban salinity, and prevent or restore	
	(f) considers any feasible alternatives to the planning proposal	
	(2) When preparing a planning proposal, the planning proposal authority must	
	(a) consult with the councils of adjacent or downstream local government areas where the	
	planning proposal is likely to have an adverse environmental impact on land in that local	
	government area, and	
	(b) as far as is practicable, give effect to any requests of the adjacent or downstream council.	
Resilience and Hazards		
4.1 Flooding	(1) A planning proposal must include provisions that give effect to and are consistent with:	The PP is accompanied by an
	(a) the NSW Flood Prone Land Policy,	Infrastructure and Services Report
	(b) the principles of the Floodplain Development Manual 2005,	prepared by Lucas Consulting
	(c) the Considering flooding in land use planning guideline 2021, and	Engineers Pty Limited which has
	(d) any adopted flood study and/or floodplain risk management plan prepared in accordance	considered stormwater and flooding,
	with the principles of the Floodplain Development Manual 2005 and adopted by the relevant	refer to the discussion at the
	(2) A planning proposal must not rezona land within the flood planning area from Pocreation	this Report
	(2) A planning proposal must not rezone land within the nood planning area from Recreation, Rural Special Purpose or Conservation Zones to a Residential Employment Mixed Use W/A	this Report.
	Working Waterfront or Special Purpose Zones	
	(3) A planning proposal must not contain provisions that apply to the flood planning area which:	
	(a) permit development in floodway areas.	
	(b) permit development that will result in significant flood impacts to other properties,	
	(c) permit development for the purposes of residential accommodation in high hazard areas,	
	(d) permit a significant increase in the development and/or dwelling density of that land,	
	(e) permit development for the purpose of centre-based childcare facilities, hostels, boarding	
	houses, group homes, hospitals, residential care facilities, respite day care centres and seniors	
	housing in areas where the occupants of the development cannot effectively evacuate,	
	(f) permit development to be carried out without development consent except for the purposes	
	of exempt development or agriculture. Dams, drainage canals, levees, still require development	
	consent,	
	(g) are likely to result in a significantly increased requirement for government spending on	
	emergency management services, flood mitigation and emergency response measures, which	
	can include but are not limited to the provision of road infrastructure, flood mitigation	
	Intrastructure and utilities, or	
	(n) permit nazardous industries or hazardous storage establishments where hazardous	
	materials cannot be effectively contained during the occurrence of a flood event.	

Ministerial Principles	Direction	Commentary
	(4) A planning proposal must not contain provisions that apply to areas between the flood	
	planning area and probable maximum flood to which Special Flood Considerations apply which:	
	(a) permit development in floodway areas,	
	(b) permit development that will result in significant flood impacts to other properties,	
	(c) permit a significant increase in the dwelling density of that land,	
	(d) permit the development of centre-based childcare facilities, hostels, boarding houses,	
	group homes, hospitals, residential care facilities, respite day care centres and seniors housing	
	in areas where the occupants of the development cannot effectively evacuate,	
	(e) are likely to affect the safe occupation of and efficient evacuation of the lot, or	
	(f) are likely to result in a significantly increased requirement for government spending on	
	emergency management services, and flood mitigation and emergency response measures,	
	which can include but not limited to road infrastructure, flood mitigation infrastructure and utilities.	
	(5) For the purposes of preparing a planning proposal, the flood planning area must be	
	consistent with the principles of the Floodplain Development Manual 2005 or as otherwise	
	determined by a Floodplain Risk Management Study or Plan adopted by the relevant council.	
4.2 Coastal Management	(1) A planning proposal must include provisions that give effect to and are consistent with:	This Ministerial Direction is not relevant
	(a) the objects of the Coastal Management Act 2016 and the objectives of the relevant coastal	to the proposal.
	management areas.	
	(b) the NSW Coastal Management Manual and associated Toolkit.	
	(c) NSW Coastal Design Guidelines 2003; and	
	(d) any relevant Coastal Management Program that has been certified by the Minister, or any	
	Coastal Zone Management Plan under the Coastal Protection Act 1979 that continues to have	
	effect under clause 4 of Schedule 3 to the Coastal Management Act 2016, that applies to the	
	land.	
	(2) A planning proposal must not rezone land which would enable increased development or more intensive land-use on land:	
	(a) within a coastal vulnerability area identified by the State Environmental Planning Policy	
	(Coastal Management) 2018: or	
	(b) that has been identified as land affected by a current or future coastal hazard in a local	
	environmental plan or development control plan, or a study or assessment undertaken:	
	i. by or on behalf of the relevant planning authority and the planning proposal authority, or	
	ii. by or on behalf of a public authority and provided to the relevant planning authority and the	
	planning proposal authority.	
	(3) A planning proposal must not rezone land which would enable increased development or	
	more intensive land-use on land within a coastal wetlands and littoral rainforests area	
	identified by chapter 3 of the State Environmental Planning Policy (Biodiversity and	
	Conservation) 2021.	
Ministerial Principles	Direction	Commentary
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	(4) A planning proposal for a local environmental plan may propose to amend the following maps, including increasing or decreasing the land within these maps, under the State	
	Environmental Planning Policy (Coastal Management) 2018: (a) Coastal wetlands and littoral	
	rainforests area map.	
	(b) Coastal vulnerability area map.	
	(d) Coastal use area man. Such a planning proposal must be supported by evidence in a relevant	
	Coastal Management Program that has been certified by the Minister or by a Coastal Zone	
	Management Plan under the Coastal Protection Act 1979 that continues to have effect under	
	clause 4 of Schedule 3 to the Coastal Management Act 2016.	
4.3 Planning for Bushfire	(1) In the preparation of a planning proposal the relevant planning authority must consult with	This Ministerial Direction is not relevant
Protection	the Commissioner of the NSW Rural Fire Service following receipt of a gateway determination	to the proposal.
	under section 3.34 of the Act, and prior to undertaking community consultation in satisfaction	
	of clause 4, Schedule 1 to the EP&A Act, and take into account any comments so made.	
	(2) A planning proposal must:	
	(a) have regard to Planning for Bushfire Protection 2019,	
	(b) introduce controls that avoid placing inappropriate developments in hazardous areas, and	
	(c) ensure that bushfire hazard reduction is not prohibited within the Asset Protection Zone (AP7)	
	(3) A planning proposal must, where development is proposed, comply with the following	
	provisions, as appropriate:	
	(a) provide an Asset Protection Zone (APZ) incorporating at a minimum:	
	i. an Inner Protection Area bounded by a perimeter road or reserve which circumscribes the	
	hazard side of the land intended for development and has a building line consistent with the	
	incorporation of an APZ, within the property, and	
	ii. an Outer Protection Area managed for hazard reduction and located on the bushland side of the perimeter road.	
	(b) for infill development (that is development within an already subdivided area), where an	
	appropriate APZ cannot be achieved, provide for an appropriate performance standard, in	
	consultation with the NSW Rural Fire Service. If the provisions of the planning proposal permit	
	Special Fire Protection Purposes (as defined under section 100B of the Rural Fires Act 1997),	
	the APZ provisions must be complied with,	
	(c) contain provisions for two-way access roads which links to perimeter roads and/or to fire trail networks,	
	(d) contain provisions for adequate water supply for firefighting purposes,	
	(e) minimise the perimeter of the area of land interfacing the hazard which may be developed,	
	(f) introduce controls on the placement of combustible materials in the Inner Protection Area	

Ministerial Principles	Direction	Commentary
4.4 Remediation of Contaminated Land	 (1) A planning proposal authority must not include in a particular zone (within the meaning of the local environmental plan) any land to which this direction applies if the inclusion of the land in that zone would permit a change of use of the land, unless: (a) the planning proposal authority has considered whether the land is contaminated, and (b) if the land is contaminated, the planning proposal authority is satisfied that the land is suitable in its contaminated state (or will be suitable, after remediation) for all the purposes for which land in the zone concerned is permitted to be used, and (c) if the land requires remediation to be made suitable for any purpose for which land in that zone is permitted to be used, the planning proposal authority is satisfied that the land will be so remediated before the land is used for that purpose. In order to satisfy itself as to paragraph 1(c), the planning proposal authority may need to include certain provisions in the local environmental plan. (2) Before including any land to which this direction applies in a particular zone, the planning proposal authority is to obtain and have regard to a report specifying the findings of a preliminary investigation of the land carried out in accordance with the contaminated land planning guidelines. 	In accordance with the recommendations of the PSI/DSI, a Remedial Action Plan (RAP) has been prepared by Construction Sciences to address the identified contamination risks onsite and to address the identified data gaps onsite.
4.5 Acid Sulfate Soils	 (1) The relevant planning authority must consider the Acid Sulfate Soils Planning Guidelines adopted by the Planning Secretary when preparing a planning proposal that applies to any land identified on the Acid Sulfate Soils Planning Maps as having a probability of acid sulfate soils being present. (2) When a relevant planning authority is preparing a planning proposal to introduce provisions to regulate works in acid sulfate soils, those provisions must be consistent with: (a) the Acid Sulfate Soils Model LEP in the Acid Sulfate Soils Planning Guidelines adopted by the Planning Secretary, or (b) other such provisions provided by the Planning Secretary that are consistent with the Acid Sulfate Soils Planning Guidelines. (3) A relevant planning authority must not prepare a planning proposal that proposes an intensification of land uses on land identified as having a probability of containing authority has considered an acid sulfate soils study assessing the appropriateness of the change of land use given the presence of acid sulfate soils. The relevant planning authority must provide a copy of any such study to the Planning Secretary prior to undertaking community consultation in satisfaction of clause 4 of Schedule 1 to the Act. (4) Where provisions referred to under 2(a) and 2(b) above of this direction have not been introduced and the relevant planning authority is preparing a planning proposal that proposes an intensification of land uses on land identified as having a probability of acid sulfate soils on the Actid Sulfate soils. The relevant planning authority must provide a copy of any such study to the Planning Secretary prior to undertaking community consultation in satisfaction of clause 4 of Schedule 1 to the Act. 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
4.6 Mine Subsidence and Unstable Land	 (1) When preparing a planning proposal that would permit development on land that is within a declared mine subsidence district, a relevant planning authority must: (a) consult Subsidence Advisory NSW to ascertain: i. if Subsidence Advisory NSW has any objection to the draft local environmental plan, and the reason for such an objection, and ii. the scale, density and type of development that is appropriate for the potential level of subsidence, and (b) incorporate provisions into the draft Local Environmental Plan that are consistent with the recommended scale, density and type of development recommended under 1(a)(ii), and (c) include a copy of any information received from Subsidence Advisory NSW with the statement to the Planning Secretary (or an officer of the Department nominated by the Secretary prior to undertaking community consultation in satisfaction of Schedule 1 to the Act. (2) A planning proposal must not permit development on land that has been identified as unstable as referred to in the application section of this direction. 	This Ministerial Direction is not relevant to the proposal.
Transport and Infrastructure		
5.1 Integrating Land Use and Transport	 (1) A planning proposal must locate zones for urban purposes and include provisions that give effect to and are consistent with the aims, objectives and principles of: (a) Improving Transport Choice – Guidelines for planning and development (DUAP 2001), and (b) The Right Place for Business and Services – Planning Policy (DUAP 2001). 	This Ministerial Direction is not relevant to the proposal.
5.2 Reserving Land for Public Purposes	 (1) A planning proposal must not create, alter or reduce existing zonings or reservations of land for public purposes without the approval of the relevant public authority and the Planning Secretary (or an officer of the Department nominated by the Secretary). (2) When a Minister or public authority requests a relevant planning authority to reserve land for a public purpose in a planning proposal and the land would be required to be acquired under Division 3 of Part 2 of the Land Acquisition (Just Terms Compensation) Act 1991, the relevant planning authority must: (a) reserve the land in accordance with the request, and (b) include the land in a zone appropriate to its intended future use or a zone advised by the Planning Secretary (or an officer of the Department nominated by the Secretary), and (c) identify the relevant acquiring authority for the land. (3) When a Minister or public authority requests a relevant planning authority to include provisions in a planning proposal relating to the use of any land reserved for a public purpose before that land is acquired, the relevant planning authority must: (a) include the requested provisions, or (b) take such other action as advised by the Planning Secretary (or an officer of the Department nominated by the Secretary), and include the requested provisions in a planning proposal relating to the use of the land before it is acquired. (4) When a Minister or public authority requests a relevant planning authority to include provisions in a planning proposal to rezone and/or remove a reservation of any land that is reserved for public purposes because the land is no longer designated by that public authority 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles Direction		Commentary
	for acquisition, the relevant planning authority must rezone and/or remove the relevant	
	reservation in accordance with the request.	
5.3 Development Near	1) In the preparation of a planning proposal that sets controls for development of land near a	This Ministerial Direction is not
Regulated Airports and	regulated airport, the relevant planning authority must:	relevant to the proposal.
Defence Airfields	(a) consult with the lessee/operator of that airport.	
	(b) take into consideration the operational airspace and any advice from the lessee/operator of that airport.	
	(c) for land affected by the operational airspace, prepare appropriate development standards, such as height controls.	
	(d) not allow development types that are incompatible with the current and future operation of that airport.	
	(2) In the preparation of a planning proposal that sets controls for development of land near a core regulated airport, the relevant planning authority must:	
	(a) consult with the Department of the Commonwealth responsible for airports and the lessee/operator of that airport.	
	(b) for land affected by the prescribed airspace (as defined in clause 6(1) of the Airports (Protection of Airspace) Regulation 1996, prepare appropriate development standards, such as height controls.	
	(c) not allow development types that are incompatible with the current and future operation of that airport.	
	(d) obtain permission from that Department of the Commonwealth, or their delegate, where a	
	planning proposal seeks to allow, as permissible with consent, development that would	
	constitute a controlled activity as defined in section 182 of the Airports Act 1996. This permission must be obtained prior to undertaking community consultation in satisfaction of	
	Schedule 1 to the EP&A Act.	
	(3) In the preparation of a planning proposal that sets controls for the development of land near a defence airfield, the relevant planning authority must:	
	(a) consult with the Department of Defence if:	
	i. the planning proposal seeks to exceed the height provisions contained in the Defence Regulations 2016 – Defence Aviation Areas for that airfield: or	
	ii. no height provisions exist in the Defence Regulations 2016 – Defence Aviation Areas for the airfield and the proposal is within 15km of the airfield	
	(b) for land affected by the operational airspace, prepare appropriate development standards, such as height controls.	
	(c) not allow development types that are incompatible with the current and future operation of that airfield.	

Ministerial Principles	Direction	Commentary
	 (4) A planning proposal must include a provision to ensure that development meets Australian Standard 2021 – 2015, Acoustic- Aircraft Noise Intrusion – Building siting and construction with respect to interior noise levels, if the proposal seeks to rezone land: (a) for residential purposes or to increase residential densities in areas where the Australian Noise Exposure Forecast (ANEF) is between 20 and 25; or (b) for hotels, motels, offices or public buildings where the ANEF is between 25 and 30; or (c) for commercial or industrial purposes where the ANEF is above 30. 	
	(5) A planning proposal must not contain provisions for residential development or to increase residential densities within the 20 Australian Noise Exposure Concept (ANEC)/ANEF contour for Western Sydney Airport.	
5.4 Shooting Ranges	 (4) A planning proposal must include a provision to ensure that development meets Australian Standard 2021 – 2015, Acoustic- Aircraft Noise Intrusion – Building siting and construction with respect to interior noise levels, if the proposal seeks to rezone land: (a) for residential purposes or to increase residential densities in areas where the Australian Noise Exposure Forecast (ANEF) is between 20 and 25; or (b) for hotels, motels, offices or public buildings where the ANEF is between 25 and 30; or (c) for commercial or industrial purposes where the ANEF is above 30. (5) A planning proposal must not contain provisions for residential development or to increase residential densities within the 20 Australian Noise Exposure Concept (ANEC)/ANEF contour for Western Sydney Airport. 	This Ministerial Direction is not relevant to the proposal.
Housing		
6.1 Residential Zones	 (1) A planning proposal must include provisions that encourage the provision of housing that will: (a) broaden the choice of building types and locations available in the housing market, and (b) make more efficient use of existing infrastructure and services, and (c) reduce the consumption of land for housing and associated urban development on the urban fringe, and (d) be of good design. (2) A planning proposal must, in relation to land to which this direction applies: (a) contain a requirement that residential development is not permitted until land is adequately serviced (or arrangements satisfactory to the council, or other appropriate authority, have been made to service it), and (b) not contain provisions which will reduce the permissible residential density of land. 	The PP will facilitate the delivery of a mix of market, build-to-rent, social and affordable housing to provide housing choice in the market. The site is strategically located in close proximity to the Schofields Train Station and the Alex Avenue Town Centre. This PP is accompanied by an Infrastructure and Services Report prepared by Lucas Consulting Engineers Pty Limited which advises that the development facilitated by the PP is capable of being adequately serviced. The PP will facilitate an increase in residential density for the site.

Ministerial Principles	Direction	Commentary
6.2 Caravan Parks and Manufactured Home Estates	 (1) In identifying suitable zones, locations and provisions for caravan parks in a planning proposal, the relevant planning authority must: (a) retain provisions that permit development for the purposes of a caravan park to be carried out on land, and (b) retain the zonings of existing caravan parks, or in the case of a new principal LEP zone the land in accordance with an appropriate zone under the Standard Instrument (Local Environmental Plans) Order 2006 that would facilitate the retention of the existing caravan park. (2) In identifying suitable zones, locations and provisions for manufactured home estates (MHEs) in a planning proposal, the relevant planning authority must: (a) take into account the categories of land set out in Schedule 6 of State Environmental Planning Policy (Housing) 2021 as to where MHEs should not be located, (b) take into account the principles listed in clause 125 of State Environmental Planning Policy (Housing) 2021 (which relevant planning authorities are required to consider when assessing and determining the development and subdivision proposals), and (c) include provisions that the subdivision of MHEs by long term lease of up to 20 years or under the Community Land Development Act 1989 be permissible with consent 	This Ministerial Direction is not relevant to the proposal.
Industry and Employment 7.1 Employment Zones	 (1) A planning proposal must: (a) give effect to the objectives of this direction, (b) retain the areas and locations of Employment zones, (c) not reduce the total potential floor space area for employment uses and related public services in Employment Zones. (d) not reduce the total potential floor space area for industrial uses in E4, E5 and W4 zones, and (e) ensure that proposed employment areas are in accordance with a strategy that is approved by the Planning Secretary. 	This Ministerial Direction is not relevant to the proposal.
7.2 Reduction in non-hosted short-term rented accommodation period	 (1) The council must include provisions which give effect to the following principles in a planning proposal to which this direction applies: (a) non-hosted short term rental accommodation periods must not be reduced to be less than 90 days (b) the reasons for changing the non-hosted short-term rental accommodation period should be clearly articulated (c) the impact of reducing the non-hosted short-term rental accommodation period should be analysed and explained, including social and economic impacts for the community in general, and impacted property owners specifically. 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
7.3 Commercial and Retail Development along the Pacific Highway, North Coast	 (1) A planning proposal that applies to land located on "within town" segments of the Pacific Highway must provide that: (a) new commercial or retail development must be concentrated within distinct centres rather than spread along the highway. (b) development with frontage to the Pacific Highway must consider impact the development has on the safety and efficiency of the highway; and (c) for the purposes of this paragraph, "within town" means areas which, prior to the draft local environmental plan, have an urban zone (e.g.: "village", "residential", "tourist", "commercial", "industrial", etc) and where the Pacific Highway speed limit is less than 80km/hour. (2) A planning proposal that applies to land located on "out-of-town" segments of the Pacific Highway must provide that: (a) new commercial or retail development must not be established near the Pacific Highway if this proximity would be inconsistent with the objectives of this direction. (b) development with frontage to the Pacific Highway must consider the impact the development has on the safety and efficiency of the highway; and (c) for the purposes of this paragraph, "out-of-town" means areas which, prior to the draft local environmental plan, do not have an urban zone (e.g.: "village", "residential", "tourist", "commercial", "industrial", etc) or are in areas where the Pacific Highway speed limit is 80km/hour or greater. (3) Notwithstanding the requirements of paragraphs (1) and (2), the establishment of highway service centres may be permitted at the localities listed in Table 1, provided that Roads and Maritime Services is satisfied that the highway service centre(s) can be safely and efficiently integrated into the Highway interchange(s) at those localities. For the purposes of this paragraph, a highway service centre has the same meaning as is contained in the Standard Instrument (Local Environmental Plans) Order 2006. 	This Ministerial Direction is not relevant to the proposal.
Resources and Energy		
8.1 Mining, Petroleum Production and Extractive Industries	 (1) In the preparation of a planning proposal affected by this direction, the relevant planning authority must: (a) consult the Secretary of the Department of Primary Industries (DPI) to identify any: i. resources of coal, other minerals, petroleum or extractive material that are of either State or regional significance, and ii. existing mines, petroleum production operations or extractive industries occurring in the area subject to the planning proposal, and (b) seek advice from the Secretary of DPI on the development potential of resources identified under (1)(a)(i), and (c) identify and take into consideration issues likely to lead to land use conflict between other land uses and: 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	 i. development of resources identified under (1)(a)(i), or ii. existing development identified under (1)(a)(ii). (2) Where a planning proposal prohibits or restricts development of resources identified under (1)(a)(i), or proposes land uses that may create land use conflicts identified under (1)(c), the relevant planning authority must: (a) provide the Secretary of DPI with a copy of the planning proposal and notification of the relevant provisions, (b) allow the Secretary of DPI a period of 40 days from the date of notification to provide in writing any objections to the terms of the planning proposal, and (c) include a copy of any objection and supporting information received from the Secretary of DPI with the statement to the Planning Secretary (or an officer of the Department nominated by the Secretary before undertaking community consultation in satisfaction of Schedule 1 to the Act. 	
9.0 Primary Production		
9.1 Rural Zones	 (1) A planning proposal must: (a) not rezone land from a rural zone to a residential, employment, mixed use, SP4 Enterprise, SP5 Metropolitan Centre, W4 Working Waterfront, village or tourist zone. (b) not contain provisions that will increase the permissible density of land within a rural zone (other than land within an existing town or village). 	This Ministerial Direction is not relevant to the proposal.
9.2 Rural Lands	 (1) A planning proposal must: (a) be consistent with any applicable strategic plan, including regional and district plans endorsed by the Planning Secretary, and any applicable local strategic planning statement (b) consider the significance of agriculture and primary production to the State and rural communities (c) identify and protect environmental values, including but not limited to, maintaining biodiversity, the protection of native vegetation, cultural heritage, and the importance of water resources (d) consider the natural and physical constraints of the land, including but not limited to, topography, size, location, water availability and ground and soil conditions (e) promote opportunities for investment in productive, diversified, innovative and sustainable rural economic activities (f) support farmers in exercising their right to farm (g) prioritise efforts and consider measures to minimise the fragmentation of rural land and reduce the risk of land use conflict, particularly between residential land uses and other rural land use (h) consider State significant agricultural land identified in chapter 2 of the State Environmental Planning Policy (Primary Production) 2021 for the purpose of ensuring the ongoing viability of this land 	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	 consider the social, economic and environmental interests of the community. (2) A planning proposal that changes the existing minimum lot size on land within a rural or conservation zone must demonstrate that it: (a) is consistent with the priority of minimising rural land fragmentation and land use conflict, particularly between residential and other rural land uses (b) will not adversely affect the operation and viability of existing and future rural land uses and related enterprises, including supporting infrastructure and facilities that are essential to rural industries or supply chains (c) where it is for rural residential purposes: i. is appropriately located taking account of the availability of human services, utility infrastructure, transport and proximity to existing centres ii. is necessary taking account of existing and future demand and supply of rural residential land. Note: where a planning authority seeks to vary an existing minimum lot size within a rural or conservation zone, it must also do so in accordance with the Rural Subdivision Principles in clause 5.16 of the relevant Local Environmental Plan. 	
9.3 Oyster Aquacultural	 (1) In the preparation of a planning proposal the relevant planning authority must: (a) identify any 'Priority Oyster Aquaculture Areas' and oyster aquaculture leases outside such an area, as shown the maps to the Strategy, to which the planning proposal would apply, (b) identify any proposed land uses which could result in any adverse impact on a 'Priority Oyster Aquaculture Area' or oyster aquaculture leases outside such an area, (c) identify and take into consideration any issues likely to lead to an incompatible use of land between oyster aquaculture and other land uses and identify and evaluate measures to avoid or minimise such land use in compatibility, (d) consult with the Secretary of the Department of Primary Industries (DPI) of the proposed changes in the preparation of the planning proposal, and (e) ensure the planning proposal proposes land uses that may result in adverse impacts identified under (1)(b) and (1)(c), relevant planning authority must: (a) provide the Secretary of DPI a period of 40 days from the date of notification to provide in writing any objections to the terms of the planning proposal, and (c) include a copy of any objection and supporting information received from the Secretary of DPI with the statement to the Planning proposal, and 	This Ministerial Direction is not relevant to the proposal.
9.4 Farmland of State and Regional Significance on the NSW Far North Coast	(1) A planning proposal must not:(a) rezone land identified as "State Significant Farmland" for urban or rural residential purposes.	This Ministerial Direction is not relevant to the proposal.

Ministerial Principles	Direction	Commentary
	(b) rezone land identified as "Regionally Significant Farmland" for urban or rural residential	
	purposes.	
	(c) rezone land identified as "significant non-contiguous farmland" for urban or rural residential	
	purposes.	

5.3 ENVIRONMENTAL, SOCIAL OR ECONOMIC IMPACT

IS THERE ANY LIKELIHOOD THAT CRITICAL HABITAT OF THREATENED SPECIES, POPULATION OR ECOLOGICAL COMMUNITIES, OR THEIR HABITATS WILL BE ADVERSELY AFFFECTED AS A RESULT OF THE PROPOSAL?

Part 7 (Biodiversity assessment and approvals under the Planning Act) of the *Biodiversity Conservation Act 2016* provides at Section 7.2 that development or an activity likely to significantly affect threatened species if—

- (a) it is likely to significantly affect threatened species or ecological communities, or their habitats, according to the test in section 7.3, or
- (b) the development exceeds the biodiversity offsets scheme threshold if the biodiversity offsets scheme applies to the impacts of the development on biodiversity values, or
- (c) it is carried out in a declared area of outstanding biodiversity value.

Section 7.6 (Part does not apply to biodiversity certified land) acknowledges that Part 7 does not apply to biodiversity certified land that has been certified under Part 8 (Biodiversity certification of land).

The site in its entirety is subject to an Order to confer biodiversity certification on the State Environmental Planning Policy (Sydney Region Growth Centres) 2006 (the now Central River City SEPP) for the purpose of the *Threatened Species Conservation Act 1995* (now repealed and replaced with the *Biodiversity Conservation Act 2016*). Refer to the discussion at Section 1.1 (Site Description) of this Report.

ARE THERE ANY OTHER LIKELY ENVIRONMENTAL EFFECTS AS A RESULT OF THE PLANNING PROPOSAL AND HOW ARE THEY PROPOSED TO BE MANAGED?

This section outlines relevant environmental considerations resulting from the PP and how they have been addressed.

CONTAMINATION

A Stage 1 Preliminary and Stage 2 Detailed Site Investigation (PSI/DSI) has been prepared by Construction Sciences to address the provisions of State Environmental Planning Policy (Resilience and Hazards) 2021, by undertaking an assessment of the potential for contamination to be present on the site, arising from past and present land use activities.

The PSI/DSI relevantly makes the following conclusions:

- There is a potential for contamination to be present at the site, arising from the past land use activities, specifically:
 - The presence of bonded asbestos within AEC06, AEC08, AEC20, AEC24, AEC25 and AEC28;
 - The presence of friable asbestos within AEC13 and AEC24; and
 - Elevated concentrations of microbes in AEC24.
- The presence of large amount of construction and demolition waste as well as the presence of disused cars presents an aesthetics impact;
- There are data gaps associated with the contamination status of soils underneath the buildings and driveways onsite as well as the presence of septic tanks onsite; and
- The site is not yet considered to be suitable for land use scenario comprising residential with minimal opportunities for soil access including dwellings with fully and permanently paved yard space such as high rise buildings and flats.

In accordance with the recommendations of the PSI/DSI, a Remedial Action Plan (RAP) has been prepared by Construction Sciences to address the identified contamination risks onsite and to address the identified data gaps onsite.

ABORIGINAL HERITAGE

An Aboriginal Heritage Due Diligence Assessment has been prepared by baker archaeology which has undertaken a due diligence assessment in accordance with the 'Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales' (DECCW, 2010), to identify whether physical evidence of Aboriginal objects are present or likely to occur on the site.

The AHDDA relevantly concludes that no Aboriginal objects are known to be present on the land nor are Aboriginal objects anticipated to occur. The landform, lack of archaeological sensitivity and history of disturbance makes the discovery of any Aboriginal objects improbable. No impacts to Aboriginal objects are anticipated to occur.

STORMWATER & FLOODING

An Infrastructure and Services Report has been prepared by Lucas Consulting Engineers Pty Limited which has considered stormwater and flooding.

Stormwater infrastructure associated with the buildings and internal open space areas will be collected by a piped system and connected through to the nearest available pit in the new roads.

Street drainage in the internal roads will be provided to collect the stormwater from the buildings and the internal roads in accordance with Blacktown Council's guidelines and requirements.

Council has previously advised that on-site detention will not be required for the site; however, it is proposed to implement stormwater reuse and quality improvement devices for each building. This will be carried out by providing underground storage tanks under the external paved areas.

Stormwater will be collected from the roof of the buildings and other 'clean' areas where no pre-treatment will be required for reused in the irrigation systems.

Street water will be collected and directed through a gross pollutant trap prior to discharging into Council's proposed detention basin known as 'Basin SP2'. The street system and reuse scheme will be sized to cater for the 20-year ARI flow. Provision for flows more than the 20year ARI and up to the 100year ARI will be treated as overland flow and contained within the street kerb and gutter.

Overflow pipes will be provided from the storage tanks to the nearest street pipe if the tanks are full and cannot take any more water.

Civil designs for the stormwater are currently with Council for review as part of a Development Application for the subdivision of the site into 6 superlots and the construction of roads (DA-23-00676). The increase in the number of units will not impact on the current designs as there is no increase in paved areas, hence no change to the volume of water leaving the site.

SERVICES & UTILITIES

An Infrastructure and Services Report has been prepared by Lucas Consulting Engineers Pty Limited which has investigated the availability of services associated with the PP. Utility services are available to the site from Railway Terrace as detailed below:

<u>Water</u>

There are existing water mains in Railway Terrace servicing the area. These comprise a 250mm DICL, 500mmm CICL and 250mm CICL main owned and maintained by Sydney Water.

New water mains will need to be constructed off the existing DN250 DICL main in Railway Terrace. These will be located in the footpath verge of the new internal roads.

In accordance with the Water Supply Code of Australia (WSA 03), Sydney Water Edition, Table SW 3.0, it will be necessary to provide 200mm mains for buildings exceeding 8 storeys in height within the new internal roads.

The extent of works associated with the water mains will be the subject of the Section 73 Notice of Requirements (NOR) from Sydney Water for the proposed development. An application for this has been submitted to Sydney Water under Case No. 208163. A Feasibility Application and Growth Data Form has also been submitted to Sydney Water under case No. 209297. Both applications are currently under review by Sydney Water, with further advice to be provided.

<u>Sewer</u>

A 225mm diameter gravity sewer main exists at the front of the site adjacent to Railway Terrace.

The sewer then drains towards the southeast to a DN300 main in Burdekin Road approximately 230m away.

New sewer mains will need to be constructed off the existing DN225 main in Railway Terrace. The new sewer lines for the internal roads will be a 225mm gravity sewer. There will be 3 connection points to the existing sewer along Railway Terrace.

As a result of the proposed increase in density, it may be necessary to amplify the existing DN225 sewer in Railway Terrace to a DN300 sewer. This will need to be provided from the subject site to the existing DN300 main located in Burdekin Road 230m away.

The extent of these works will also be the subject of the Section 73 Notice of Requirements (NOR) from Sydney Water for the proposed development. As advised above an application for this has been submitted to Sydney Water under Case 208163. It is currently under review by Sydney Water with the NOR expected to be issued in 6 to 8 weeks' time.

<u>Electricity</u>

Electricity is available in the area and will be extended to the site. Details of the proposed electrical services have been investigated with Endeavour Energy who confirm that:

Our preliminary network assessment determines that the required load of the proposed apartment development at above location will be 7.3 MVA (ADMD 3.5kVA/unit x 1,800units + 1.0MVA for other loads).

At present, there is sufficient capacity at Schofields ZS to supply this development.

<u>Gas</u>

There is an existing 110mm PE 210kPa gas main located in Railway Terrace which will service the as required. Jemena typically requires a 32mm PE main to service the new developments however given the size of the development this may need to be 50mm.

Jemena's requirements will be detailed when a formal application is made to them for the development however gas is available to the site.

Telecommunications

Telstra currently has underground conduits and cables in the footpath area of Railway Terrace passing along the frontage of the site. The conduits also contain Optic Fibre cables belonging to AARNet. Plans indicate that services are available to the site and will be extended as underground services along the proposed access roads to facilitate distribution to the proposed buildings.

TRAFFIC & PARKING

A Traffic Assessment has been prepared by The Traffic Planner which has assessed the traffic related impacts of the PP and relevantly concludes the following:

- The proposed amendments to the building height and floor space ratio and the potential development will have no negative (or even noticeable) impacts on the existing road network operation.
- There will be no requirement for road or intersection upgrades as a result of the proposed development. No charges are proposed to the Indicative Road Layout.

- The site is very well serviced by the existing train and bus network, with future expansion of the Metro network servicing the area.
- The proposed development should be supported in relating to the impacts on traffic and the public transport network.
- Access from the proposed development site by pedestrians, cyclists and public transport users is of the highest priority, especially to and within the local centres. These centres are most easily accessed from the proposed development by walking and cycling. Shared pedestrian and cyclist footpaths are partially constructed on Railway Terrace and once completed with connect the proposed development to the local centre.
- The site is located an approximate 400 metre bicycle ride from the Schofields Train Station and bicycle storage facilities are located at the Schofields Train Station.

As a guide, the car parking requirements outlined in the Blacktown Development Control Plan 2015 have been considered (1 space per1/2 bedroom dwelling, 2 spaces per 3+ bedroom dwelling) and it has been determined that the development would generate the need for approximately 1,711 resident car parking spaces and 700 visitor car parking spaces.

The above rates of parking are considered adequate and can be accommodated in the site footprint. The parking requirements will be assessed at the detailed design stage of the project and accommodations can be made if necessary, such as multi-level basement car parking.

It is acknowledged that this indicative car parking requirement does not factor in the car parking rates applicable to build-to-rent, social and affordable housing – with these rates to be applied as part of the detailed design stage of the project. It is anticipated that the application of these rates would further reduce the above figures.

SOCIAL INFRASTRUCTURE

A Social and Community Infrastructure Assessment (SCIA) has been prepared by Hill PDA which has used benchmarks identified in the 'City of Parramatta's Community Infrastructure Strategy', Blacktown City Council's 'Recreation and Open Space Strategy', and the 'Growth Centres Commission's Development Code: Precinct Development Parameters' to determine provisioning rates for the Local catchment.

The Local catchment has been defined as an area which encompasses an approximate 800 metre radius from the site. The population of the Local catchment, as recorded in the 2021 Census, is used as a baseline population. This review provides a comparison between the baseline population and the total forecasted population inclusive of what is expected to be generated from the PP.

The SCIA has considered infrastructure need at three catchment levels, being (from smallest to largest):

- Local: Approx. 800 metre radius of the site
- District: Blacktown North (SA3)
- Region: Blacktown LGA.

The PP assumes approximately 1,751 dwellings, with the projected future population arising from this yield being in the order of 2,903 residents. This population will contribute to a projected population of approximately 11,712 with the PP.

Supply has been calculated for local, district and region serving infrastructure types across the following categories:

- Open space and recreation facilities: Open spaces, playing fields and courts, play spaces, aquatic facilities and indoor recreation
- Community facilities: Libraries, community spaces, schools, health care, child care, affordable housing.

An audit of these services has been carried out within each catchment. The audit has drawn upon relevant Council and NSW Government data for current service location and capacity, as well as infrastructure strategies to predict future wider service demand and planned service capacity development. A summary of key findings is provided below.

	Current provision vs need	
Infrastructure type	Baseline	With Planning Proposal
Open space		
Open space	90 per cent of Local catchment within 400 metre walking distance of an open space.	95 per cent of Local catchment within 400 metre walking distance of an open space following introduction of new open space adjacent to the site.
	Playing fields: Met	Playing fields: Met
Playing fields and courts	Tennis courts: Met	Tennis courts: Met
	Netball/basketball courts: Met	Netball/basketball courts: Met
	Local playgrounds: 1 playground recommended.	Local playgrounds: 1 playground recommended.
Playgrounds	Neighbourhood playground: Met	Neighbourhood playground: Met
Aquatic facilities	Met	Met
Indoor recreation	Indoor courts: 0-1 courts across the District catchment Indoor sports centre: Met	Indoor courts: 0-1 courts across the District catchment Indoor sports centre: Met
Community facilities		
Libraries (central library)	Met	Met
Libraries (district library)	Met	Met
Community spaces	Met (Consider introducing a community space for the Local catchment)	Met (Consider introducing a community space for the Local catchment)
Child care	Long day care: -80 places Outside school hours care: -52 places	Long day care: -179 places Outside school hours care: -185 places
	(Recommended to provide additional LDC and OSHC places)	(Recommended to provide additional LDC and OSHC places)
Schools	Met	Met
Healthcare	Community health facility recommended to service the District catchment	Community health facility recommended to service the District catchment

Table 16: Infrastructure provisioning gaps in 2041

Figure 14: Table 16 extract from Social and Community Infrastructure Assessment (Source: Hill PDA, 2023)

The SCIA has relevantly provided the following conclusions:

Open space and recreation facilities

Open space and recreation facilities were considered using population benchmarks at the relevant catchments.

The benchmarks used in the Blacktown City Council ROSS identify that all residents should be within 400-500 metres of an open space, and open spaces should be a minimum of 0.3 ha in size. The Local catchment currently provides open space access for approximately 90 per cent of its site area. This review identified that approximately three quarters of the open spaces in the Local catchment are 0.3 hectares or greater in size.

It is also understood that land adjoining to the west of the site was recently acquired by Council for drainage and open space purposes and will be developed into a new reserve known as Basin E3.2. The provision of this new open space will improve access to open spaces across the Local catchment, though it is recommended that further opportunities for the provision of open space are explored in the vicinity of the site.

Community Facilities

PAGE 48

The review identified that the Local catchment has sufficient access to District and Regional level community spaces. However, there is a shortage of local-level community spaces within the Local catchment. It is therefore recommended that opportunities for the provision of local-level community spaces are explored. The existing provision of library facilities is considered sufficient to meet the needs of the population (with or without the PP).

In relation to the provision of childcare facilities, the assessment has identified that there is a baseline shortfall in the provision of 80 long daycare (LDC) places and 52 out of school hours care (OSHC) places across the Local catchment. It has been estimated that the increase in population from the PP would result in a shortfall of an additional 137 LDC places and 184 OSHC places.

It is understood that the PP is capable of facilitating approximately 2,000m² of floor area for non-residential development which could potentially incorporate a new childcare centre. The provision of this childcare facility is considered to be essential in meeting demand for additional childcare places resulting from the PP.

It is also important to note that the PP is proposed to incorporate 33 percent build-to-rent, social and affordable housing, which meet the benchmarks identified by the former Greater Sydney Commission for 5-10 per cent of the uplift value in high growth areas to be allocated to affordable housing. This would meet Blacktown City Council's vision by adding to the supply of affordable housing in the area and contributing to improved housing diversity within the region.

URBAN DESIGN

An Urban Design Report has been prepared by Premise which has considered the PP's contextual fit for the site through considering key urban design elements that will shape the vision for the site.

HOW HAS THE PLANNING PROPOSAL ADEQUATELY ADDRESSED SOCIAL AND ECONOMIC EFFECTS?

The Proposal will contribute to the social and economic benefit of the wider precinct. The provision of additional residential development, which will include a mix of market, build-to-rent, social and affordable housing responds to the applicable State and local strategic documents; which all identify the need for the delivery of a range of diverse housing types to meet the needs of a growing population whilst also addressing the current issue of housing affordability.

5.4 STATE AND COMMONWEALTH INTEREST

IS THERE ADEQUATE PUBLIC INFRAUSTRUCTURE FOR THE PLANNING PROPOSAL

The future development of the site as a result of this PP would marginally increase the demand for public infrastructure. Services infrastructure demand has been addressed previously in this report (see 'Services & Utilities' discussion). Other public infrastructure considerations would be managed through local developer contributions, proposed State Infrastructure Contributions or under possible VPA arrangements.

WHAT ARE THE VIEWS OF STATE AND COMMONWEALTH PUBLIC AUTHORITIES CONSULTATED IN ACCORDANCE WITH GATEWAY DETERMINATION?

Consultation has been commenced with the following public authorities:

Transport for NSW (TfNSW)	Meeting facilitated by DP&E held 25 August 2023 to discuss the PP. TfNSW have advised that a key consideration for the PP will be pedestrian permeability, with the need for a Travel Demand Management (TDM) plan to be prepared. TfNSW have also requested a SIDRA modelling analysis. In this regard, there are on-going discussions with TfNSW to inform the preparation of the SIDRA analysis.	
Sydney Water	Meeting facilitated by DP&E held 29 August 2023 to discuss the PP. Sydney Water have advised that there is the need to consider the current dwelling yield figures within the North West Growth Centre to	

Endeavour Energy undertake an analysis of the available servicing capacity. DP&E have advised that Sydney Water should have these figures around October/November 2023. Sydney Water are currently in the process of reviewing the submitted Feasibility Application and Growth Data Form submitted under Case no. 209297. To inform the preparation of the Infrastructure and Services report, Endeavour Energy have been consulted and have advised that *at present, there is sufficient capacity at Schofields ZS to supply this development.*

It is anticipated that further consultation with the relevant agencies will be undertaken post-Gateway Determination.

6. MAPS

The PP is accompanied by the following relevant maps:

- Existing Height of Buildings Map;
- Proposed Height of Buildings Map;
- Existing Floor Space Ratio Map; and
- Proposed Floor Space Ratio Map.

Refer to the maps at **Attachment C** to this Report.

7. COMMUNITY CONSULTATION

In accordance with Section 3.34 of the EP&A Act requires the relevant planning authority to consult with the community in accordance with the Gateway Determination. It is anticipated the PP will be required to be publicly exhibited for a minimum of 28 days in accordance with the requirements of the NSW Department of Planning, Industry and Environment's Local Environmental Plan Making Guideline (August 2023). It is anticipated that the public exhibition would be notified by way of:

- On the Planning Portal.
- A notice on the Blacktown City Council website.
- Written correspondence to adjoining and surrounding landowners (where practical).

The Gateway determination, PP and any further specialist studies required would be publicly exhibited at Council's offices and any other locations considered appropriate to provide interested parties with the opportunity to view the submitted documentation.

8. **PROJECT TIMELINE**

The following project timeline has been issued by the DP&E in email correspondence dated 3 August 2023:

Dates/Timeframe	Actions								
14 July 2023	Letter inviting Proponent to lodge Planning Proposal								
Week commencing	DP&E fortnightly meetings								
7 August 2023									
Week commencing	Draft Planning Proposal package submitted to DP&E for pre-lodgement review								
14 August 2023									
14 September 2023	Lodgement of Planning Proposal package to DP&E								
Target 20 working days to assess the proposal									
13 October 2023 Issue Gateway Determination									
	Target 20 working days to update Planning Proposal								
Week commencing	Public exhibition for 28 days								
13 November 2023									
Week commencing	Finalisation process								
8 January 2024									
	Respond to submissions & post exhibition amendments;								
	Finalisation report and legal drafting								
Week commending	Approvals and Notification								
18 March 2024									



9. CONCLUSION AND RECOMMENDATIONS

The PP is considered worthy of support for the following reasons:

- The proposed amendments to the maximum building height and maximum FSR would support the precinct vision by facilitating additional residential housing to meet the needs of the community in an accessible location, noting the proximity of the site to the Schofields Train Station and the Alex Avenue Town Centre. The PP will also contribute to the provision of affordable housing to meet the needs of the community.
- The PP maintains consistency with the applicable State, Regional and Local strategic planning framework.
- The PP is consistent with the relevant Ministerial Directions.
- The existing and future planned infrastructure and services have the capability to effectively service demand from development under this PP; and
- Overall, there are no anticipated adverse social or economic impacts which would arise from the proposal.







ATTACHMENT A

Blacktown City Council Basin Plans



BLACKTOWN CITY COUNCIL NW GROWTH CENTRE - ALEX AVENUE PRECINCT RAILWAY TERRACE FUTURE ROAD DESIGN RAILWAY TERRACE FUTURE ROAD DESIGN SCHOFIELDS



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WARNING ! OVERHEAD AERIAL SERVICES PRESENT. EXERCISE EXTREME CAUTION WHEN USING CRANE/EXCAVATOR.

WARNING ! POSSIBLE DANGER TO PEDESTRIANS DURING CONSTRUCTION STAGE. PROVIDE & MAINTAIN FENCING & SAFE PEDESTRIAN ACCESS AROUND WORK.

WARNING ! POSSIBLE DANGER TO VEHICULAR TRAFFIC. PROVIDE & MAINTAIN BARRICADES DURING CONSTRUCTION.

WARNING ! PROVIDE SIGNS WARNING OF POSSIBLE DROWNING HAZARD WHEN IN FLOOD.

WARNING ! INTERIM FLOOD HAZARD WORKS AND STAGING REQUIRED DURING CONSTRUCTION. WARNING !

UNDERGROUND GAS SERVICES IN VICINITY OF WORKS. HIGH FIRE HAZARD. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING !

UNDERGROUND ELECTRICITY SERVICES IN VICINITY OF WORKS. HIGH HAZARD. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING !

SHORING / BENCHING WILL BE REQUIRED FOR TRENCH EXCAVATION WORKS.

WARNING ! CONFINED SPACES IDENTIFIED IN EXISTING AND PROPOSED PIT AND PIPE NETWORK.

WARNING !

MINIMUM CLEARANCES IN PLAN AND ELEVATION NEED TO BE CHECKED WITH RELEVANT SERVICE UTILITY AUTHORITY.

WARNING !

DANGEROUS UNDERGROUND SERVICES EXIST WITHIN AREA OF WORKS. COPY OF ALL SERVICE UTILITY DIAGRAMS REQUIRED ON SITE

WARNING !

CONSTRUCTION CREW TO MANAGE AND STAGE ANY INTERIM FLOOD HAZARD WORKS.

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Sheet List Table

Sheet Number	Sheet Title
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1	DRAWING SCHEDULE & LOCALITY SKETCH
	ENGINEERING PLAN AND SECTIONS
2	ROAD DESIGN PLAN
3	RAILWAY TERRACE LONGITUDINAL SECTION
4	RAILWAY TERRACE CROSS SECTIONS CH 0.0 - CH 212.609

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LOCALITY SKETCH N.T.S.

IMPORTANT NOTE:

DESIGN LOCATION, DIMENSIONS AND LEVELS ARE CRITICAL TO THE HYDRAULIC PERFORMANCE OF THE SYSTEM AND SHALL NOT BE VARIED WITHOUT PRIOR APPROVAL OF COUNCILS MANAGER ASSET DESIGN. FULL WORK AS EXECUTED PLANS SHALL BE PROVIDED TO COUNCILS ASSET DESIGN MANAGER TO ALLOW ADOPTION OF REVISED FLOOD LEVELS.

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DRAWING FILE LOCATION / NAME \IDIDrainage - NW Growth Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & 3\AutoCAD\Basin E3 2\E39-15V 001 dwg			PLOT DA 16.02.202	TE / TIME 2 / 8:14 AM	PLOT BY mcbril	CO-ORDINATE SYSTEM GDA 94 / MGA ZONE \$	HEIGHT DATUM 56 AHD	



WARNING !

UNDERGROUND GAS SERVICES IN VICINITY OF WORKS. HIGH FIRE HAZARD. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING ! UNDERGROUND TELECOM SERVICES IN VICINITY OF WORKS. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING ! UNDERGROUND WATER SERVICES IN VICINITY OF WORKS. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING ! UNDERGROUND OPTICAL CABLE SERVICE IN VICINITY OF WORKS. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING ! OVERHEAD AERIAL SERVICES PRESENT. EXERCISE EXTREME CAUTION WHEN USING CRANE/EXCAVATOR.

WARNING ! POSSIBLE DANGER TO PEDESTRIANS DURING CONSTRUCTION STAGE. PROVIDE & MAINTAIN FENCING & SAFE PEDESTRIAN ACCESS AROUND WORK.

WARNING ! POSSIBLE DANGER TO VEHICULAR TRAFFIC. PROVIDE & MAINTAIN BARRICADES DURING CONSTRUCTION.

WARNING ! PROVIDE SIGNS WARNING OF POSSIBLE DROWNING HAZARD WHEN IN FLOOD.

WARNING ! INTERIM FLOOD HAZARD WORKS AND STAGING REQUIRED DURING CONSTRUCTION.

CP20 ITEMS

E2.1	CULVERT
E3.1	CULVERT
E3.2	BASIN
E3.3	BIORETENTION
E3.4	GPT

WARNING

UNDERGROUND ELECTRICITY SERVICES IN VICINITY OF WORKS. HIGH HAZARD. EXERCISE EXTREME CAUTION DURING EXCAVATION.

WARNING !

SHORING / BENCHING WILL BE REQUIRED FOR TRENCH EXCAVATION WORKS.

WARNING ! CONFINED SPACES IDENTIFIED IN EXISTING AND PROPOSED PIT AND PIPE NETWORK.

WARNING !

MINIMUM CLEARANCES IN PLAN AND ELEVATION NEED TO BE CHECKED WITH RELEVANT SERVICE UTILITY AUTHORITY.

WARNING !

DANGEROUS UNDERGROUND SERVICES EXIST WITHIN AREA OF WORKS. COPY OF ALL SERVICE UTILITY DIAGRAMS REQUIRED ON SITE

WARNING ! CONSTRUCTION CREW TO MANAGE AND STAGE

ANY INTERIM FLOOD HAZARD WORKS.

N PREPARED BY	TITLE	NAME	DATE			PROJE
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				ISO 9001 Certified	•	
					COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148	CAD FI
					TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN	

FILE NUMBER : F16/646 PLAN NUMBER : E39-15V

	SHEET SCHEDULE
neet umber	Sheet Title
NERAL	
1	DRAWING SCHEDULE & LOCALITY SKETCH
2	GENERAL NOTES
3	SURVEY & UTILITIES PLAN
4	DEMOLITION PLAN
IL & WAT	ER MANAGEMENT PLAN
5	SOIL & WATER MANAGEMENT PLAN
6	SOIL & WATER DETAILS
LK EARTH	IWORKS
7	BULK EARTHWORKS
GINEERIN	IG PLANS
8	BASIN E3.2 DETAIL PLAN
SIN & BIO	RETENTION SECTIONS
9	BIORETENTION ACCESS TRACK LONGITUDINAL SECTION
10	BASIN SECTIONS A-A & B-B
11	BASIN SECTIONS C-C & D-D
AINAGE	
12	LOCAL CATCHMENT PLAN
13	REGIONAL CATCHMENT PLAN
14	DRAINAGE LONGITUDINAL SECTIONS LINE Nos 1 & 2
15	DRAINAGE LONGITUDINAL SECTIONS LINE No 100
16	DRAINAGE LONGITUDINAL SECTIONS LINE Nos 106, & 3 - 6
TAINING	WALL SECTIONS & DETAILS
17	RETAINING WALL SUBSOIL RIP RAP & STD FENCE DETAILS
RUCTURA	AL DETAILS
18	PITS 1-11,1-13 & 1-14
19	HEADWALL 1-15 PLAN & ELEVATION
20	PIT 100-10, HEADWALL 100-12 PLAN & ELEVATION
NDSCAPI	NG
21	LANDSCAPE PLAN

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GENERAL NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S STANDARDS AND SPECIFICATIONS. REFER TO COUNCIL'S "WORKS SPECIFICATION CIVIL" AND "ENGINEERING GUIDE FOR DEVELOPMENT" (LATEST EDITION) AND SUPPLEMENTARY CONSTRUCTION SPECIFICATION FOR THE PROJECT.
- THE CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORKS WITHIN ADJACENT LANDS WITHOUT THE WRITTEN PERMISSION OF THE OWNER.
- THE CONTRACTOR IS TO ENSURE EXISTING PERMANENT SURVEY INFRASTRUCTURE BE PRESERVED AND PROTECTED DURING CONSTRUCTION AS PER THE SURVEYING & SPATIAL INFORMATION ACT 2002.
- ALL NEW WORKS SHALL HAVE A SMOOTH JUNCTION WITH EXISTING CONDITIONS.
- LOCATION OF SERVICES ARE APPROXIMATE ONLY AND ALL SERVICES MUST BE LOCATED IN LINE AND LEVEL BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- PRIOR TO COMMENCEMENT OF WORK A SERVICES CHECK SHALL BE CARRIED OUT WITH "DIAL BEFORE YOU DIG" PHONE 1100.
- CONTRACTOR IS TO CLEAR SITE BY REMOVING ALL SURPLUS SOIL, RUBBISH, FENCES, OUTHOUSES, CAR BODIES, DEBRIS, ETC. ALL WASTE MATERIAL TO BE DISPOSED OF IN A LEGAL MANNER.
- CONTRACTOR IS TO DISCONNECT REDUNDANT UTILITY SERVICES WITHIN THE WORK SITE IN ACCORDANCE WITH UTILITY AUTHORITY REQUIREMENTS.
- ALL SITE REGRADING AREAS ARE TO BE GRADED TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL FILLING TO BE COMPACTED TO A MINIMUM 95% OF THE STANDARD MAXIMUM DRY DENSITY AS TESTED IN ACCORDANCE WITH AS.1289 METHOD 5.1.1 2017 UNLESS NOTED OTHERWISE.
- FILL MATERIAL TO BE APPROVED BY THE SUPERINTENDENT.
- SURPLUS EXCAVATED MATERIAL TO BE PLACED WHERE DIRECTED BY THE SUPERINTENDENT OR REMOVED FROM SITE IN A LEGAL MANNER. ADHERE TO THE TRANSPORT MANAGEMENT PLAN FOR THE CONSTRUCTION OF THE WORKS.
- ALL PITS DEEPER THAN 1.2m TO HAVE STEP IRONS IN ACCORDANCE WITH STANDARD DRAWING A(BS)111S.
- ALL CONCRETE TO HAVE A MINIMUM STRENGTH GRADE OF N25 UNLESS NOTED OTHERWISE.
- A MINIMUM 50mm APPROVED GRANULAR BEDDING TO BE PROVIDED UNDER ALL CONCRETE UNLESS NOTED OTHERWISE.
- BEDDING OF STORMWATER PIPES TO BE MINIMUM HS3 STANDARD TO AS/NZS 3725:2007 UNLESS NOTED OTHERWISE. ALL STORMWATER PIPES TO BE REINFORCED CONCRETE UNO.
- COUNCIL'S TREE PRESERVATION ORDER MUST BE OBSERVED AND NO TREE IS TO BE FELLED, LOPPED OR REMOVED WITHOUT PRIOR APPROVAL. THIS INCLUDES DAMAGE TO TREE ROOT SYSTEMS.
- ALL DISTURBED TURFED AREAS AND BATTERS TO BE TOPSOILED AND TURFED OR STABILISED WITH SPRAY GRASS AS DIRECTED BY THE SUPERINTENDENT.
- ALL TURF AREAS TO BE "GREEN LEES PARK COUCH" UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE. ALL CHAINAGES, OFFSETS AND LEVELS IN METRES.
- MEASUREMENTS SHALL BE TAKEN FROM THE DIMENSIONS SHOWN AND ARE NOT TO BE SCALED FROM THE DRAWINGS.

- ANY DAMAGE TO PUBLIC ROADWAYS AS A RESULT OF TH WORKS IS TO BE REPAIRED TO THE SATISFACTION OF COUNCIL'S CIVIL MAINTENANCE MANAGER.
- FLOOR BASIN TOLERANCE +(PLUS) 0mm TO ENSURE DES DETENTION VOLUME PROVIDED.
- EXISTING SERVICES SHALL BE ADEQUATELY PROTECTED DURING CONSTRUCTION TO RELEVANT AUTHORITIES REQUIREMENTS.
- SEDIMENT AND EROSION CONTROL MEASURES TO BE IMPLEMENTED AND MAINTAINED IN ACCORDANCE WITH COUNCIL'S STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE A TRAFFIC MANAGEMENT PREPARED BY A SUITABLY QUALIFIED PERSON FOR APPE TO COUNCIL A MINIMUM OF 2 WEEKS PRIOR TO COMMENT WORKS. ALL TRAFFIC CONTROL PLANS SHALL BE APPROVIDED TO COUNCIL'S SUPERINTENDENT BEFORE BEING IMPLEMENT
- TRAFFIC CONTROL SHALL BE UNDERTAKEN IN ACCORDAL WITH THE APPROVED TRAFFIC MANAGEMENT PLAN AND SUITABLY TRAINED AND ACCREDITED STAFF.
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE WO HEALTH AND SAFETY ACT REQUIREMENTS.
- CONTRACTOR SHALL ENSURE THAT ALL EXCAVATIONS A ADJOINING STRUCTURES ARE MAINTAINED IN A SAFE AN STABLE CONDITION AT ALL TIMES AND PROVIDE SHORING SUPPORTS AS REQUIRED. FOR EXCAVATIONS DEEPER TH 1.5m SEEK GEOTECHNICAL ADVICE.
- CONTRACTOR TO ASSESS MANUAL HANDLING REQUIREM AND COMPLY WITH APPLICABLE STATUTORY REQUIREME AND MANUFACTURERS SPECIFICATIONS AND DIRECTION
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TH WORKCOVER CODE OF PRACTICE "WORKING NEAR OVER POWERLINES"
- ALL WORKS TO COMPLY WITH THE RECOMMENDATIONS IN THE REVIEW OF ENVIRONMENTAL FACTORS (REF) REP FOR THE WORKS.

ENVIRONMENTAL MANAGEMENT NOTES

- CONTRACTOR TO PREPARE A CONSTRUCTION ENVIRONM MANAGEMENT PLAN (CEMP) TO ADDRESS ALL ENVIRONM ISSUES AND MITIGATION MEASURES IDENTIFIED IN THE PROJECT REF AND STATUTORY OBLIGATIONS.
- CONTRACTOR TO INDUCT ALL STAFF AND SUB-CONTRAC RELATION TO ENVIRONMENTAL MANAGEMENT OBLIGATIO AND ISSUES

CONTAMINATED SOIL MANAGEMENT

- CONTAMINATED SOIL IS TO BE MANAGED IN ACCORDANC GEOTECHNICAL AND CONSTRUCTION REPORTS PREPAR THE WORKS.
- SECURE SITE TO LIMIT POTENTIAL CONTAMINATION / DU
- ANY CONTAMINATED SOIL AND/OR ASBESTOS WASTE MU REMOVED FROM SITE AND DISPOSED OF TO AN APPROPRIATELY LICENSED FACILITY UNLESS NOTED OTHERWISE.
- REMEDIATION OF KNOWN CONTAMINATED AREAS MUST E UNDERTAKEN PRIOR TO THE COMMENCEMENT OF THE PROPOSED WORKS.
- IDENTIFIED CONTAMINATION MUST BE MANAGED IN ACCORDANCE WITH THE CONTAMINATED LAND MANAGEI ACT 1997 AND RELEVANT GUIDELINES.
- THE VOLUME OF POTENTIALLY CONTAMINATED SOILS LIK BE DISTURBED DURING THE WORKS MUST BE REDUCED THROUGH CAREFUL PLANNING AND DESIGN MEASURES S AS AVOIDANCE OF KNOWN GROSS CONTAMINATION.

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HE	•	EXCAVATIONS AND STOCKPILES MUST THE WORKS FOR EVIDENCE OF POTER SUSPECTED CONTAMINATION IS IDEN CEASE AND APPROPRIATE SPECIALIS	T BE MONITORED DURING NTIAL CONTAMINATION; IF TIFIED, WORKS MUST
SIGN	•	AN ASBESTOS REGISTER MUST BE PR	REPARED FOR THE
D	•	PROPOSED ACTIVITY. ANY ASBESTOS REMOVAL OR HANDLI IN ACCORDANCE WITH THE CODE OF I REMOVAL OF ASBESTOS (NATIONAL O AND SAFETY COMMISSION, 2005) AND MANAGEMENT POLICY.	NG MUST BE UNDERTAKEN PRACTICE FOR THE SAFE OCCUPATIONAL HEALTH COUNCILS ASBESTOS
T PLAN PROVAL NCING	•	MANAGEMENT OF VISUAL IMPACTS ALL WORKS EQUIPMENT AND MATERI WITHIN THE DESIGNATED BOUNDARIE WORKS COMPOUND.	ALS MUST BE CONTAINED ES OF THE WORK SITE OR
OVED BY NTED.	•	THE EXTENT OF STOCKPILES, WASTE ACCESS IS TO BE MINIMISED.	AND VEHICLE PARKING
ANCE) BY	•	SITE FENCING TO INCLUDE SCREENIN WHERE REQUIRED.	IG MATERIAL
ORK	•	ON COMPLETION OF THE WORKS, ALL CONSTRUCTION EQUIPMENT, MATERI RELATING TO THE WORKS MUST BE R SITE AND ANY ADJACENT AFFECTED A	. VEHICLES, ALS AND REFUSE EMOVED FROM THE WORK AREAS.
ND NG OR FHAN	•	ALL WASTE GENERATED DURING THE MUST BE REUSED OR REMOVED FROM SOON AS PRACTICAL.	COURSE OF THE WORKS M THE WORKS AREAS AS
MENTS IENTS NS.	•	LANDSCAPING WORKS TO COMMENCE AFTER CONSTRUCTION AND BE MAIN WITH COUNCIL'S STANDARD POLICIES	E AS SOON AS PRACTICAL TAINED IN ACCORDANCE S AND PROCEDURES.
THE RHEAD	•	SURROUNDING RESIDENCES AND BUS REASONABLE NOTICE OF THE INTENT WORKS.	SINESSES MUST BE GIVEN ION TO CARRY OUT
MADE PORT	•	HERITAGE MANAGEMENT ALL ACTIONS ON THE LAND MUST BE CAR WITH ANY AHIP APPLICATION ISSUED THIS SITE AND THE NATIONAL PARKS	RRIED OUT IN ACCORDANCE BY HERITAGE NSW FOR AND WILDLIFE ACT 1974.
<u>S</u> IMENTAL MENTAL	•	ALL CONTRACTORS, SUBCONTRACTO SHALL BE BRIEFED AND MADE AWARE THE AHIP UNDER THE NATIONAL PARE AND THE PENALTIES FOR HARM TO AN PLACE/OBJECT OR BREACH OF THE AN	RS, AGENTS OR INVITEES OF THE CONDITIONS OF (S AND WILDLIFE ACT 1974 N ABORIGINAL CT OR AHIP.
CTORS IN	•	THE LAND/OBJECTS TO WHICH THE AND NOMINATED ON THE AHIP AND ENVIROPLAN.	HIP APPLIES IS ONMENTAL CONSTRAINTS
IONS CE WITH RED FOR	•	ALL HUMAN REMAINS IN OR UNDER TH HARMED, OTHER THAN ANY IDENTIFIE BE HARMED. IN THE EVENT THAT ANY REMAINS ARE DISCOVERED AND/OR H IMMEDIATELY, SECURE THE AREA TO AND NOTIFY LOCAL POLICE AND HERI BE NO RECOMMENCEMENT OF WORK UNLESS AUTHORISED IN WRITING BY	HE LAND MUST NOT BE ED IN THE AHIP THAT MAY Y UNEXPECTED HUMAN HARMED CEASE WORK AVOID FURTHER HARM TAGE NSW. THERE IS TO AT THE LOCATION HERITAGE NSW.
IMPING.			
UST BE	•	MANAGEMENT OF CHEMICAL IMPACTS A SPILL MANAGEMENT PLAN MUST BE THE CEMP TO PROTECT THE RECEIVI OUTLINE MEASURES TO MINIMISE THE CHEMICALS, FUEL AND OR OILS ETC. EVENT OF A SPILL AND IDENTIFY SUIT	<u>S</u> E PREPARED AS PART OF NG WATERS. CEMP WILL E POSSIBILITY OF LEAVING THE SITE IN THE ABLE SPILL KITS AND
BE	•	LOCATIONS. ALL STAFF MUST BE TRAINED IN SPILI	L RESPONSE PROCEDURE
EMENT	•	AND ALL SPILLS WILL BE CLEANED UF ANY OIL HANDLING WORKS, SUCH AS DRAINING, MUST BE CARRIED OUT WI	P IMMEDIATELY. OIL FILLING AND THIN A BUNDED AREA.
KELY TO	•	ALL CHEMICALS. FUELS AND OILS MU	ST BE STORED IN
SUCH		SUITABLE BUNDED AREAS WITH THE OLD AT LEAST 120 PER CENT OF THE VOLU CONTAINER STORED WITHIN THE BUN	CAPACITY OF THE BUND JME OF THE LARGEST IDED AREA.
/ DESIGN PREPARED BY		TITLE NAME	DATE
S VERIFIED BY		SURVEYED B.C.C.	

- ANY REFUELING ACTIVITIES MUST BE UNDERTAKEN C AS FAR AS POSSIBLE.
- EQUIPMENT MUST NOT BE USED IF THERE ARE ANY S FUEL, OIL OR HYDRAULIC LEAKS. LEAKS MUST BE RE IMMEDIATELY OR THE EQUIPMENT MUST BE REMOVE SITE AND REPLACED.
- ALL CHEMICALS KEPT ON SITE MUST BE RECORDED REGISTER.
- NO EQUIPMENT, MACHINERY OR WORKS VEHICLES T WASHED ON-SITE.
- ALL STORAGE AND HANDLING OF CHEMICALS AND FU ON-SITE MUST BE KEPT IN ACCORDANCE WITH THE F LEGISLATIVE AND REGULATORY REQUIREMENTS.
- USE OF CHEMICALS ON SITE TO BE MINIMISED.

BIODIVERSITY MANAGEMENT

- EXCLUSION FENCING (INCLUDING SIGNAGE) IS TO BE PRIOR TO COMMENCING ANY WORKS AROUND EXIST VEGETATION TO BE PROTECTED. NO CLEARING OF V OR STORAGE OF MATERIAL IS PERMITTED WITHIN TH EXCLUSION AREA.
- WHEREVER POSSIBLE, CLEARING OF VEGETATION SECONFINED TO THE SMALLEST AREA REQUIRED FOR TWORKS.
- RE-USE TOPSOIL AND PLANT MATERIAL CLEARED FRO SUITABLE LOCATIONS ON THE SITE.
- WHEREVER POSSIBLE, MATURE CANOPY TREES ALO SITE BOUNDARY AND OUTSIDE THE DEVELOPMENT F SHOULD BE RETAINED AND PROTECTED DURING CONSTRUCTION WORKS.
- THE CEMP MUST CLEARLY IDENTIFY ANY AREAS OF SIGNIFICANCE THAT MUST NOT BE DISTURBED.
- THE CEMP MUST CLEARLY DOCUMENT THE LOCATIO EXTENT OF ANY LOPPING, TRIMMING, CLEARING OR OVEGETATION DISTURBANCE REQUIRED FOR THE WO
- MATERIALS, PLANT, EQUIPMENT AND STOCKPILES MUPLACED IN A MANNER THAT MINIMISES THE RISK OF USURROUNDING VEGETATION.
- WORK VEHICLE ACCESS, WHERE PRACTICAL, MUST E RESTRICTED TO DESIGNATED WORK AREAS AND NO ACCESS TRACKS/ROADWAYS.
- IF ANY DAMAGE OCCURS TO VEGETATION OUTSIDE ON NOMINATED WORK AREA, COUNCIL'S ENVIRONMENTA PLANNING OFFICERS OR REPRESENTATIVES MUST B SO THAT APPROPRIATE REMEDIATION STRATEGIES OF DEVELOPED AND IMPLEMENTED.
- IF IT IS PERCEIVED THAT SIGNIFICANT IMPACTS ARE OCCURRING TO NATIVE ANIMALS IN THE VICINITY OF AREA, WORKS MUST CEASE AND COUNCIL'S ENVIROI OFFICERS OR REPRESENTATIVES SHALL BE CONTAC ADVICE.
- NATIVE ANIMALS FOUND ON SITE MUST BE ALLOWED THE SITE WITHOUT UNDUE DURESS OR HARASSMEN[®]
- SHEDS AND OTHER BUILDINGS MUST BE INSPECTED ECOLOGIST FOR ROOSTING MICROBATS PRIOR TO RE
- CONTRACTOR TO FOLLOW THE VEGETATION MANAGE PLAN & PLANTING PLAN PREPARED FOR THE WORKS

^{PROJECT}	CENTRE - ALEX AVENUE PRECINCT
	ISSUE 50% DESIGN
REMOVAL. BEMENT S.	 WORK DAYS ORDER HAS BEEN IMPLEMENTED UNTIL 31st WARCH 2022. HOURS PER DAY MAY VARY FROM HOURS SHOWN BELOW. CONTRACTOR MUST BE AWARE & FOLLOW ALL CURRENT CONSTRUCTION WORK ORDERS. MONDAY TO FRIDAY 7am TO 6pm SATURDAY 8am TO 1pm SUNDAYS AND PUBLIC HOLIDAYS - NO WORK
D TO LEAVE IT. BY	 REFER TO SOIL AND WATER MANAGEMENT PLAN FOR DETAILS OF CONSTRUCTION STAGING AND CONTROL MEASURES. IN RESPONSE TO COVID-19, TEMPORARY CONSTRUCTION
NMENTAL CTED FOR	 A PROCEDURE TO RECEIVE, RESPOND TO AND MONITOR COMPLAINTS ABOUT AIR QUALITY AND OTHER ENVIRONMENTAL ISSUES MUST BE IN DLACE
THE WORK	 SURROUNDING RESIDENCES AND BUSINESSES MUST BE GIVEN REASONABLE NOTICE OF THE INTENTION TO CARRY OUT WORKS
OF THE AL 3E NOTIFIED CAN BE	 ANY NOISE COMPLAINTS MUST BE ADDRESSED IMMEDIATELY IN ACCORDANCE WITH COUNCIL'S RELEVANT CODES AND POLICIES
MINATED	 SO AS TO MINIMISE IMPACTS. FIT STATIONARY AND MOBILE EQUIPMENT WITH RESIDENTIAL TYPE OF ENGLISE
DAMAGE TO BE	 OPERATE PLANT IN A QUIET AND EFFICIENT MANNER. NOISY PLANT AND EQUIPMENT MUST BE POSITIONED AND ORIENTED
DRKS. UST BE	 ALL PLANT TO BE KEPT IN GOOD REPAIR TO MINIMISE NOISE
ON AND FULL OTHER	 WORK VEHICLES/MACHINERY MUST NOT BE LEFT RUNNING OR IDLING FOR EXTENDED TIMES WHEN NOT IN LISE
	 ERODIBLE MATTER THAT IS TRANSPORTED TO OR FROM THE WORK SITE, MUST BE KEPT COVERED AT ALL TIMES DURING TRANSPORTATION. NO MATTER OF ANY KIND IS TO BE BURNT
ONG THE FOOTPRINT	 WHERE WATERING IS USED TO SUPPRESS DUST IT MUST NOT BE EXCESSIVE TO CAUSE RUNOFF. ALL LOADS OF EXCAVATED MATERIAL SOIL FILL AND OTHER
ROM SITE IN	 WHERE WATERING IS USED TO SUPPRESS DUST, APPROPRIATE NON-POTABLE WATER SOURCES MUST BE USED WHERE AT ALL POSSIBLE
HOULD BE THE	 IN THE EVENT OF DUST GENERATION, APPROPRIATE DUST SUPPRESSION MEASURES (E.G. WATERING, COVERING EXPOSED AREAS/STOCKPILES ETC.) SHALL BE IMPLEMENTED.
TING NATIVE /EGETATION HE	 ALL WORK AREAS AND STOCKPILES MUST BE CLOSELY MONITORED FOR DUST GENERATION.
ERECTED	 WASTE SHALL BE DISPOSED OF TO AN APPROPRIATELY LICENSED WASTE FACILITY WITH SUPPORTING WASTE CLASSIFICATION DOCUMENTATION.
	• THE CONTRACTOR MUST REMOVE ALL OF THEIR WASTE FROM THE WORK SITE.
UELS RELEVANT	 ALL BINS AND CONTAINERS ARE TO BE CLEANED AS REQUIRED TO AVOID OVERFLOWS.
	 ALL WASTES MUST BE SECURELY STORED TO ENSURE THAT ANY POLLUTANTS ARE PREVENTED FROM ESCAPING.
ON A	 A SUFFICIENT NUMBER OF SUITABLE AND LABELLED RECEPTACLES FOR GENERATED WASTE, HAZARDOUS WASTE AND RECYCLABLE MATERIALS MUST BE PROVIDED FOR WASTE DISPOSAL ON SITE.
SIGNS OF PAIRED ED FROM	 WASTE STREAMS MUST BE SORTED TO MAXIMISE THE REUSE/RECYCLING POTENTIAL AND TO MINIMISE DISPOSAL VOLUMES AND COSTS. SUITABLE ON SITE MATERIALS SUCH AS SOILS AND VEGETATION SHALL BE USED IN PREFERENCE TO IMPORTED SOILS AND MULCH.
OFF SITE	EMISSIONS AND WASTE MANAGEMENT



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0	02.11.21	ISSUED FOR DRP 50% REVIEW	DY (GE 0	02.11.21						ISO 9001 Certified		
	ING FILE LOC	ATION / NAME	PLOT DATE / TI	ME P	PLOT BY	CO-ORDINATE SYSTEM HEIGHT DATUM]					COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 ALL MAIL: GENERAL MANAGER, PO BOX 63, BLACKTOWN, NSW 2148	CAD FI
E3\Auto	CAD\Basin E3.2	E39-15V SOIL & WATER.dwg	16.02.2022 / 12:0	00 PM	mcbril	GDA 94 / MGA ZONE 56 AHD						TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN	E39-1

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				COUNCIL CHAMBERS: 62 FLUSHCOMBE ALL MAIL: GENERAL MANAGER, PO BC TELEPHONE: (02) 9839 6000 FAX: (02) 98	ROAD, BLACKTOWN, NSW 2148 DX 63, BLACKTOWN, NSW 2148 331 1961 DX : 8117 BLACKTOWN	(E

N PREPARED BY	TITLE	NAME	DATE			PROJE
ED BY	SURVEYED	B.C.C.				N/W
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				ISO 9001 Certified		
					ALL MAIL: GENERAL MANAGER, PO BOX 63, BLACKTOWN, NSW 2148	CAD FI
					TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN	E39-1

RE	V DATE	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE	DO NOT SCALE FROM DRAWING	DRAWINGS / D
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	AWING FILE LOC \Drainage - NW Grov AutoCAD\Basin E3.2	ATION / NAME /th Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & E39-15V 013.dwg	PLOT DA 16.02.202	TE / TIME 2 / 12:08 PM	PLOT BY mcbril	CO-ORDINATE SYSTE GDA 94 / MGA ZON	M HEIGHT DATUM	

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1.429	1.417	1.355	1.132	1.072	1.065	1.088	1.304	1.374	1.385	1.374	1.087	1.026	1.007	0.539	0.46	0.109	0.02	0.006	0.010	0.081	0.07	0.241	
28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.287	28.333	28.347	28.85	28.961	29.579	70 036	20.000	29.30 29 965	29.925	29.965	30.121	
29.529	29.517	29.455	29.232	29.172	29.165	29.188	29.404	29.474	29.485	29.474	29.375	29.358	29.354	29.389	29.421	29.689	20 013	20.046	29, 977	30.006	30.035	30.363	
58.091	60	75	06	102.365	105	109.829	117.086	120	125.299	126.393	133.893	134.748	135	141.393	142.501	150	157 501	158 200	158.479	158.929	159.379	164.429	

LONGITUDINAL SECTION - E3.2 ACCESS PATH (CENTRELINE) SCALE 1:500 (H) SCALE 1:100 (V)

DESIGN PREPARED BY	TITLE	NAME	DATE		
ERIFIED BY	SURVEYED	B.C.C.			
	DESIGNED	DY		OMPLIANCE	
	DRAWN	LMCB		Ball Charles	Placktown
	CHECKED			(GL	
	ACCEPTED -	BCC CPEng NER Certified		ISO 9001 Certified	
					COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 ALL MAIL: GENERAL MANAGER, PO BOX 63, BLACKTOWN, NSW 2148 TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN

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N/W GROWTH CENTRE - ALEX AVENUE PRECINCT BASIN E3.2 RAILWAY TERRACE SCHOFIELDS										
BIORETENTION ACCESS TRACK LONGITUDINAL SECTION										
CAD FILE E39-15V 013.dwg	FILE No	F16/646	PLAN No	E39-15V	REV 1					

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GRADE		<u>-4%</u>			3%	~	-3%	;		3.5	5%	209	20%		-16.7%
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W.A.E. LEVEL															
DESIGN LEVEL	28.334	28.202	28.202	28.052	28.093	28.244	38 1 35	28.094	28.054	28.204	28.204	28.337	28.5	28.5	
EXISTING LEVEL	28.215	28.119	28.114	28.113	28.098	28.364	20 158	20.100	29.175	29.174	29.169	27.572	27.389	27.142	
CHAINAGE	2	5.31	5.46	5.5	5.95	11	۲ ۲	16.05	16.5	16.54	16.69	20.5	21.316	22.642	

REV	DATE	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE DO NO	OT SCALE FROM DRAWING	DRAWING
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1	16.02.22	ISSUED FOR 50% DESIGN REVIEW	DY	GE	16.02.22			
0	02.11.21	ISSUED FOR DRP 50% REVIEW	DY	GE	02.11.21			
DRAV I:\ID\Dr E3\Aut	VING FILE LOC rainage - NW Grov toCAD\Basin E3.2\	ATION / NAME vth Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & E39-15V 014 - 015.dwg	PLOT DA 16.02.202	TE / TIME 22 / 12:09 PM	PLOT BY mcbril	CO-ORDINATE SYSTEM GDA 94 / MGA ZONE 56	HEIGHT DATUM	

SCALE 1:250 (H) SCALE 1:100 (V)

GS / DESIGN PREPARED BY	TITLE	NAME	DATE			Р
GS VERIFIED BY	SURVEYED	B.C.C.				
	DESIGNED	DY		ONPLIANCE		
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	CHECKED			FICAT		Т
	ACCEPTED -	BCC CPEng NER Certified		ISO 9001 Certified		E
					COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 ALL MAIL: GENERAL MANAGER, PO BOX 63, BLACKTOWN, NSW 2148 TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN	C E

CAD FILE E39-15V 014 - 015 dwg	FILE No	F16/646	PLAN No	E39-15V	REV 1
BASIN SECTIONS A-A	& B-B				₀ 21
N/W GROWTH CENTR BASIN E3.2 RAILWAY	E - ALEX TERRA(X AVENUE F CE SCHOFIE	RECINC	Т	A1 SHEET 10

ISSUE 50% DESIGN

			SAN			BLOCK RET	AINII	NG	No 1	7 -	-												
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DATUM R.L. 21 W.A.E. LEVEL																							
DESIGN LEVEL		30.484	30.484	30.373	30.522	30.4	30.368	30.327	30.477	30.477	30.416	30.416	29.9	29	27.771	27.7	27.7	28.04	28.1	28.04	28.025	27.7	
EXISTING LEVEL	30.414	30.3	30.297 30.296	30.287	30.179	30.092	30.07	30.061	30.06	30.057	29.99	29.98	29.9	29.882	29.756	29.749	29.549	29.515	29.464	29.415	29.415	29.4	
CHAINAGE	0	5.311	5.462 5.501	5.952	11.003	15	16.054	16.505	16.544	16.694	20.005	20.506	24.192	24.921	30	30.295	38.478	40.041	42.402	44.916	45	46.776	

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REV	DATE	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE DO	NOT SCALE FROM DRAWING	DRAWINGS / D
								DRAWINGS VE
1	16.02.22	ISSUED FOR 50% DESIGN REVIEW	DY	GE	16.02.22			
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DESIGN PREPARED BY	TITLE	NAME	DATE			F
/ERIFIED BY	SURVEYED	B.C.C.				
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					COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 ALL MAIL: GENERAL MANAGER, PO BOX 63, BLACKTOWN, NSW 2148 TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN	(

ISSUE 50% DESIGN

N/W GROWTH CENTRE - ALEX AVENUE PRECINCT BASIN E3.2 RAILWAY TERRACE SCHOFIELDS									
TITLE BASIN SECTIONS C-C	& D-D				оғ 21				
CAD FILE E39-15V 014 - 015.dwg	FILE No	F16/646	PLAN No	E39-15V	REV 1				

SAWING MAY BE PREPARED IN COLOUR AND MAY BE INCOMPLETE


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-43 - EXISTING CONTOUR	
SP2	
EXISTING CATCHMENT	
DEVELOPED CATCHMENT DRAINING TO BASINS	
DEVELOPED CATCHMENT DIVERTED TO HW 2/7	
Σ	
ISSUE 50% DESI	GN
PROJECT N/W GROWTH CENTRE - ALEX AVENUE PRECINCT	A1
BASIN E3.2 RAILWAY TERRACE SCHOFIELDS	SHEET 13
	o⊧ 21
CAD FILE E39-15V CATCHMENT PLAN.dwg FILE Nº F16/646 PLAN Nº E39-15V	REV

		0.00°.	G.G.P. 1.8m LINTEL	1/8	
	C C C C C C C C C C C C C C		EX WATER 250mm IL 30.40 - EX COMMS IL 30.69 - EX SEWER 225mm IL 26.93 - EX COMMS IL 30.69		
PIPE VELOCITY (m/s)					
DISCHARGE (cu.m/s)	- 0	- 0	0	<u> </u>	~
PIPE SIZE (mm) & CLASS	1800x600RRJ4 >	< 1050RCP	1200RCP	<u>1200RCP</u>	-
DESIGN GRADE	<>	< 0.5%	0.5%	<u> </u>	-
H.G.L. LEVEL					
DEPTH TO INVERT	1.828	1.848 2.026	2.946	3.106 3.126 3.393	3.413
SURFACE LEVEL (INV.)	30.6 2	30.782	31.658	31.777	31.999
INVERT LEVEL	29.17 29.082 29.045 29.045 29.045 29.045 29.045	28.934 28.737	28.712 28.704 28.698	28.6%2 28.65 28.606	28.586
ROAD CHAINAGE					
PIPE CHAINAGE	0 13.706 25.987 25.987 25.987	40.321 66. 14	85.313 2.014 œ 3.056 ħ	93.753 93.753 93.753	102.525

LINE No.1 RAILWAY TERRACE - BASIN E3.2

AR	REV	DATE	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE	DO NOT SCA	LE FROM DRAWING	DRAWINGS
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N							SCALE 1:250 (A1)		SCALE 1:500 (A3)	
AV	1	16.02.22	ISSUED FOR 50% DESIGN REVIEW	DY	GE	16.02.22				
R	0	02.11.21	ISSUED FOR DRP 50% REVIEW	DY	GE	02.11.21				
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	E3\Auto	CAD\Basin E3.2	E39-15V DRAINAGE LSECT.dwg					_ 00		





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PROJECT N/W GROWTH CENTR	E - ALI	EX AVENUE P	RECINC	т	A1
BASIN E3.2 RAILWAY	TERR	ACE SCHOFIEI	DS		14
	INAL S	SECTIONS LIN	F Nos 1	& 2	OF
				~ L	21
CAD FILE E39-15V DRAINAGE LSECT.dwg	FILE No	F16/646	PLAN No	E39-15V	REV 1

	G.G.P. 1.8m LINTEL				C D 1 8m I INTEI			.G.P. 1.8m LINTEL NE No.105		
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	- 1.7	>	~	1.69	->	<	1.76	><	 	
PIPE SIZE (mm) & CLASS	600RCP	>	V	600RCP	>	<	0.48 600RCP	><		
DESIGN GRADE	1%	>	v	1%	>	<	1%	><		
	12.0									
H.G.L. LEVEL	32.537	32.441	32.362		32.252	32.164		32.007 31.738		
DEPTH TO INVERT	2.681	2.85	2.9		2.773	2.823		2.912 2.912		
SURFACE LEVEL (INV.)	34.631		34.667			34.388		34.316		
INVERT LEVEL	31.95	31.816	31.766		31.616	31.566		31.404		
ROAD CHAINAGE										
PIPE CHAINAGE	13.374		13.374	15.069		28.443	11.18	39.624		

AR	REV	DATE	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE DO NOT	SCALE FROM DRAWING	DRAWINGS
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Α								00ALL 1.200 (A0)	
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N N							SCALE 1:250 (A1)	SCALE 1:500 (A3)	
Ž	1	16.02.22	ISSUED FOR 50% DESIGN REVIEW	DY	GE	16.02.22			
R	0	02.11.21	ISSUED FOR DRP 50% REVIEW	DY	GE	02.11.21			
THIS [DRAV I:\ID\Dr E3\Auto	VING FILE LOCA ainage - NW Grow oCAD\Basin E3.2\	ATION / NAME /th Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & E39-15V DRAINAGE LSECT.dwg	PLOT DA 16.02.202	TE / TIME 2 / 12:19 PM	PLOT BY mcbril	CO-ORDINATE SYSTEM GDA 94 / MGA ZONE 56	HEIGHT DATUM	

BD



LINE No.100





ISSUE 50% DESI	GN
ROJECT N/W GROWTH CENTRE - ALEX AVENUE PRECINCT BASIN E3.2 RAILWAY TERRACE SCHOFIELDS	A1 SHEET
DRAINAGE LONGITUDINAL SECTIONS LINE No 100	oF 21
AD FILE 39-15V DRAINAGE LSECT.dwg FILE No F16/646 PLAN No E39-15V	^{REV}



REV DATE DESCRIPTION CHECKED APPROVED DATE SCALE DO NOT SCALE FROM DRAWING DRAWINGS / DESIGN PREPARED BY DRAWINGS VERIFIED BY 1 2 3 4 5 6 7 SCALE 1:100 (A1) SCALE 1:200 (A3) 2.5 5 7.5 10 12.5 15 17.5 20 SCALE 1:250 (A1) SCALE 1:500 (A3) 16.02.22 ISSUED FOR 50% DESIGN REVIEW DY GE 16.02.22 02.11.21 ISSUED FOR DRP 50% REVIEW DY GE 02.11.21 0 DRAWING FILE LOCATION / NAME I:\ID\Drainage - NW Growth Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & E3\AutoCAD\Basin E3.2\E39-15V DRAINAGE LSECT.dwg PLOT BY HEIGHT DATUM PLOT DATE / TIME CO-ORDINATE SYSTEM 16.02.2022 / 12:20 PM mcbril GDA 94 / MGA ZONE 56 AHD



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		1000		
PROJECT N/W GROWTH CENTRI	E - ALEX AVENUE	PRECINC	CT	A1
BASIN E3.2 RAILWAY 1	FERRACE SCHOF	ELDS		SHEET
TITLE				16
DRAINAGE LONGITUD	INAL SECTIONS L	INE Nos 1	06, & 3 - 6	OF
				21
CAD FILE E39-15V DRAINAGE LSECT.dwg	^{FILE №} F16/646	PLAN No	E39-15V	REV

ISSUE 50% DESIGN



/	DATE	DESCRIPTION
	16.02.22	ISSUED FOR 50% DESIGN REVIEW
	02.11.21	ISSUED FOR DRP 50% REVIEW
\W Dr .uto	/ING FILE LOC/ ainage - NW Grow oCAD\Basin E3.2\	ATION / NAME /th Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & E39-15V DETAILS.dwg

CHECKED	APPROVED	DATE	SCALE DO NOT SCALE FROM DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE	NAME	DATE			PROJECT
				DRAWINGS VERIFIED BY	SURVEYED	B.C.C.				N/W
			0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6		DESIGNED	DY		COMPLIANCE_		
					DRAWN	LMCB		Out Char	Blacktown	
			SUALE 1.20 (AT) SUALE 1.40 (AS)		CHECKED			GL ELCAT		TITLE
			0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0		ACCEPTED -	BCC CPEng NER Certified				RET/
			SCALE 1:50 (A1) SCALE 1:100 (A3)							
DY	GE	16.02.22						ISO 9001 Cartified		
DY	GE	02.11.21						150 9001 Certified		
PLOT DA	E / TIME	PLOT BY	CO-ORDINATE SYSTEM HEIGHT DATUM						COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148	CAD FILE
16.02.202	2 / 12:21 PM	mcbril	GDA 94 / MGA ZONE 56 AHD						TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN	E39-15



NOTE: • FENCE TO BE POWDER COATED AND COLOUR TO BE MONUMENT GREY • FENCE LOCATED IN GARDEN SPACES TO HAVE 400 X 300mm DIA, CONCRETE FOOTING. FINISHED FOOTING LEVEL TO BE 50mm BELOW FINISHED MULCH LEVELS





TO BE READ INCONJUCTION WITH NOTES ON DETAIL A & BCC A(BS)162M. 2. REFER TO STRUCTURAL WALL FOOTING PLAN & ELEVATION.



STRUCTURAL WALL

ISSUE 50% DESIGN

	RE - ALEX AVENUE P	RECINCT	A1
BASIN E3.2 RAILWAY	TERRACE SCHOFIE	LDS	SHEET
ITI F			17
RETAINING WALL SU	BSOIL RIP RAP & S	TD FENCE DETAILS	OF
			21
AD FILE 39-15V DETAILS.dwg	FILE No F16/646	PLAN № E39-15V	REV 1



16.02.22

02.11.21

PLOT BY mcbril

CO-ORDINATE SYSTEM

GDA 94 / MGA ZONE 56

HEIGHT DATUM

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PLOT DATE / TIME 16.02.2022 / 1:14 PM

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DRAWING FILE LOCATION / NAME I:\ID\Drainage - NW Growth Centre\CP20 - Alex Ave and Riverstone Precincts\Basins Package 3 E1 & E3\AutoCAD\Basin E3.2\E39-15V STRUCTURAL PITS.dwg

16.02.22 ISSUED FOR 50% DESIGN REVIEW

02.11.21 ISSUED FOR DRP 50% REVIEW







ESIGN PREPARED BY	TITLE	NAME	DATE		
RIFIED BY	SURVEYED	B.C.C.			
	DESIGNED	DY		OMPLIANCE	
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	CHECKED			(L) EICAI	
	ACCEPTED -	BCC CPEng NER Certified		ISO 9001 Certified	
					COUNCIL CHAMBERS: 62 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 ALL MAIL: GENERAL MANAGER, PO BOX 63, BLACKTOWN, NSW 2148 TELEPHONE: (02) 9839 6000 FAX: (02) 9831 1961 DX : 8117 BLACKTOWN

	1				
			$\bigcirc\bigcirc$		
DATUM R.L. 21					_
W.A.E					
LEVEL					
LEVEL DIFF.					
SURFACE-INVERT	0.45	1.15	1.15	0.45	
DESIGN	+	_	_		
SURFACE LEVEL	28.4	29.`	29.1	28.5	
DESIGN INVERT	95	95	95	85	
LEVEL	27.9	27.9	27.5	27.1	
EXISTING	28	4	47	ت	
LEVEL	29.	29.4	29.4	29	
CHAINAGE	0	2.17	5.2	13.49	

LONGITUDINAL SECTION - HEADWALLL 1/15 SCALE 1:100 (H) SCALE 1:100 (V)

REV	DATE	DESCRIPTION	CHECKED	APPROVED	DATE	SCALE DO NOT SCALE FROM DRAWING	DRAWINGS / DESIGN PREPARED BY	TITLE NAME	DATE			P
							DRAWINGS VERIFIED BY	SURVEYED B.C.C.				11
						0 02 04 06 08 10 12 14 16		DESIGNED DY		COMPLIANCE		
								DRAWN LMCB		Cather Char	Placktown	
						SCALE 1:20 (A1) SCALE 1:40 (A3)		CHECKED		C1		I ₁
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ISSUE 50% DESIGN

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LANDSCAPE LEGEND



ANGOPHORA COSTATA



ANGOPHORA FLORINBUNDA

NATIVE MIX REFER TO LANDSCAPE DETAILS



BIO MIX refer to landscape details

		POTSIZE	SPACING	COVER		
DUTANICAL NAME		FUISIZE	Plants per SqM	%	NU UF PLANIS	
STATA	SMOOTH-BARKED APPLE	75L	6m interval	N/A	48	
DRIBUNDA	ROUGH-BARKED APPLE	75L	6m interval	N/A	65	
			AREA	2995	sqm	
CABRA	CORKSCREW GRASS	tube	8	15	3594	
ULEA	BLUE FLAX LILY	tube	8	25	5990	
OWNII	PADDOCK LOVEGRASS	tube	8	10	2396	
	KNOBBY CLUB RUSH	tube	8	15	3594	
FILIFORMIS	BLOWN GRASS	tube	8	10	2396	
BILLARDIEREI	COAST BLOWN-GRASS	tube	8	10	2396	
TIPOIDES	PRICKLY SPEAR-GRASS	tube	8	15	3594	
			AREA	1564	sqm	
5A	TALL SEDGE	tube	8	2	250	
JS	COMMON RUSH	tube	8	10	1251	
	KNOBBY CLUB RUSH	tube	8	2	250	
ill	SEA RUSH	tube	8	10	1251	
ANA	CHAFFY SAW-SEDGE	tube	8	5	626	
ATUS	BUNCHY SEDGE	tube	8	5	626	
STIO PALLENS	DIDGERY STICKS	tube	8	2	250	
S MUCRONATUS	BOG BULRUSH	tube	8	2	250	
IS VALIDUS	RIVER CLUB RUSH	tube	8	2	250	
5 CALDWELLII	MARSH CLUB-RUSH	tube	8	10	1251	
ORA	WHITE FEATHER HONEYMYRTLE	tube	4	10	626	
ARIIFOLIA	SNOW IN SUMMER	tube	4	10	626	
PHELIOIDES	PRICKLY LEAVE PAPERBARK	tube	4	10	626	
CARDWELL	TEA TREE	tube	4	10	626	
PETERSONII	LEMON SCENTED TEA TREE	tube	4	10	626	
			ISSUF	50%	DESIG	
				- 00 /0		
СТ						
/ GROWTH (CENTRE - ALEX AVE	NUE P	RECINCT		4	
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ATTACHMENT B

Biodiversity Certification Mapping





North West Growth Centre - Biodiversity Certification



PLANNING PROPOSAL 249-271 RAILWAY TERRACE, SCHOFIELDS NSW 2762

ATTACHMENT C

Existing and Proposed Mapping



Sources: © State of NSW, Department of Customer Service, Spatial Services 2023 © State of NSW, Department of Planning and Environment 2023





