

# Statement of Environmental Effects





QUALITY AS	SURANCE
Project:	Statement of Environmental Effects
Address:	614-632 High Street, Penrith
Lot /DP:	Lot 10 in DP1162271
Council:	Penrith City Council
Author:	Think Planners Pty Ltd

Date	Purpose of Issue	Rev	Reviewed	Authorised
18 November 2019	Draft issue for Client	Draft	LK/SR	SF
29 <sup>th</sup> November 2019	DA Submission	Final	LK/SF	SF
30 March 2020	Revised	Final	LK/SF	SF

Integrated Development (under S4.46 of the EP&A Act). Doe require approvals under any of the following legislation?	es the development
Fisheries Management Act 1994	No
Heritage Act 1977	No
Mine Subsidence Act 1992	No
Mining Act 1992	No
National Parks and Wildlife Act 1974	No
Petroleum (Onshore) Act 1991	No
Protection of the Environment Operations Act 1997	No
Roads Act 1993	No
Rural Fires Act 1997	No
Water Management Act 2000	No
Concurrence	
SEPP 1- Development Standards	No
SEPP 64- Advertising and Signage	No
SEPP Coastal Management 2018	No
SEPP (Infrastructure) 2007	Yes
SEPP (Major Development) 2005	No
SREP (Sydney Harbour Catchment) 2005	No



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# **EXECUTIVE SUMMARY**

This Statement of Environmental Effects has been prepared in support of a Development Application for the construction of a 46-storey mixed use development including residential units, serviced apartments, commercial and retail suites at No. 614-632 High Street, Penrith.

The site can be best described as an irregular shaped allotment with a frontage to High Street and Union Lane and a total site area of approximately 4,715m². Presently the subject land parcel is vacant and clear of significant vegetation though a vehicle crossover is near the site via Union lane.

Residing within the Penrith City Centre, the immediate locality is characterised by a mix of built forms and land uses including both commercial and residential land uses of varying ages as well as architectural styles. The subject site is also within close proximity to Nepean Hospital and the Western Sydney University (Kingswood campus) which are regional institutions.

The development site is zoned B4 Mixed Use under the Penrith Local Environmental Plan 2010. Subclause 8.4(3)(a) under the Penrith LEP 2010 stipulates that development within the Penrith City Centre that proposes a building greater than 6 storey needs to undertake an architectural design competition. As such, a design excellence competition was held for the subject site in July 2018 which was unanimously won by DKO based on the maximum floor space ratio at the time which was 3:1. In December 2018, the Key Sites LEP was published, which revised the maximum floor space ratio to 6:1. Rather than undertaking a second design excellence competition process, it was agreed that a better outcome could be achieved through the creation of a Design Integrity Panel.

The formation of the Design Integrity Panel waived the need for an entire new design competition as per the provisions of Clause 8.4(3)(a) (4). This Clause stipulates that Subclause 3 will not apply if the Director-General certifies in writing that the development is one for which an architectural design competition is not required.

The Design Integrity Panel has met on three occasions and has agreed to award the scheme as exhibiting Design Excellence. A letter from the NSW Government Architects Office is provided with this submission to confirm along with the detailed minutes of each of these meetings.

Overall, the design scheme has been influenced by the built form within the immediate locality which has experienced a significant increase in high density development over the past few years. As such the proposal aims to provide an attractive mixed use building that responds to an evolving built form pattern with Penrith City Centre.



The development has not only been designed to comply with key planning requirements but will play a positive role in the growth and development of the Penrith Town Centre.

The proposal is to deliver a high-quality development that will make a positive contribution to the emerging city skyline within the Penrith City Centre.

Having regard to the benefits of the proposal and considering the absence of adverse environmental, social or economic impacts, and that the proposal represents an appropriate use of well-located land, the application is submitted to Council for assessment. Think Planners Pty Ltd recommends the approval of the application, subject to necessary, relevant and appropriate conditions of consent.



# SITE AND LOCALITY

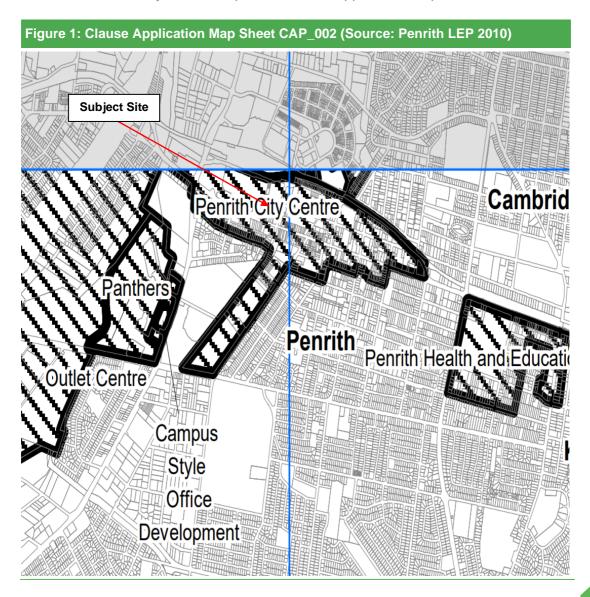
# LEGAL DESCRIPTION

The subject site is legally defined as Lot 10 DP 1162271 though more commonly known as 614-632 High Street, Penrith.

#### SUBJECT SITE

Residing within the Penrith City Centre, the subject site can be best described as an irregular shaped allotment with a frontage to both High Street and Union Lane and a total site area of approximately 4,715m<sup>2</sup>.

The Penrith Local Environmental Plan 2010 has identified the site as being located within the Penrith City Centre as per the Clause Application Map below.





# SUBJECT AREA ANALYSIS

Presently, the subject land parcel is vacant and clear of any significant vegetation however a vehicle crossover is near the site via Union lane – as shown in Figure 2 below.

Figure 2: Aerial Map Extract of Subject Site (Six Maps)

Subject Site

The site is located within Penrith City Centre meaning a mix of land uses are within proximity of the site including both commercial and residential land uses of varying ages and architectural styles.

Figure 3 overleaf, illustrates the site and surrounding context.



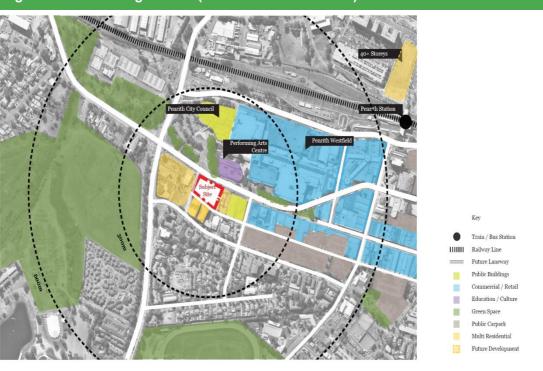


Figure 3: Surrounding context (Extract from DKO Plans)

#### **BROADER LOCALITY ANALYSIS**

The subject land is located 800m from Penrith train station and a short walk from local recreational activities, educational establishments and employment opportunities as demonstrated below.

- Commercial premises (along High Street and Henry Street)
- Westfield Penrith
- Penrith Railway Station and Bus Interchange
- Nepean Hospital.

Furthermore, the land is close to the Penrith Town Centre which has a variety of health, education and emergency services.

In a broader context the subject site is proximate to Nepean Hospital and Western Sydney University (Kingswood campus) which are regional institutions.

This is illustrated via an aerial map extract of the broader locality.



Sydney International Repeats Centre

Penrith Town Centre

Subject Site

Penrith Town Centre

Subject Site

Repean Hospital

Penrith

Penrith

Penrith

Repean Hospital

Park

Repean Hospital

Regenville

Regenville

Regenville

South Penrith

Western Sydney University- Kingswood

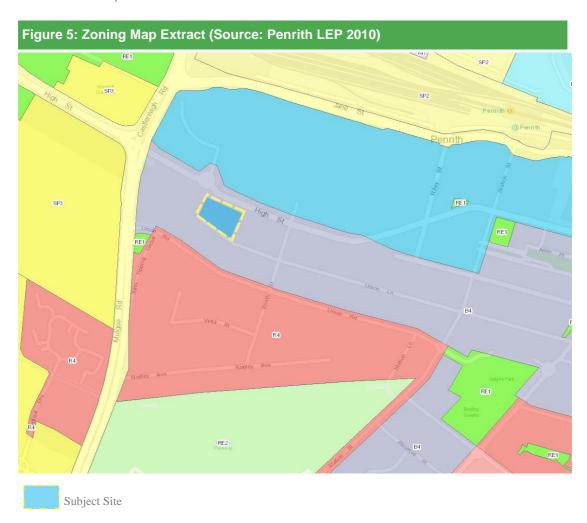
Orchard Hills

Figure 4: Aerial Map Extract of the Broader Locality (Google Maps)



# **ZONING CONTROL**

As illustrated by Council's zoning map extract the development site is zoned B4 Mixed Use under the provisions of the Penrith Local Environmental Plan 2010.



The development seeks to utilise the land in accordance with the zoning, noting 'Residential Accommodation', 'Serviced Apartments' and 'Commercial Premises' are permissible with consent within B4 Mixed Use zone and the proposal is consistent with the definition contained within the LEP:

# **Residential Accommodation:**

residential accommodation means a building or place used predominantly as a place of residence, and includes any of the following—

(a) attached dwellings,



- (b) boarding houses,
- (c) dual occupancies,
- (d) dwelling houses,
- (e) group homes,
- (f) hostels,
- (g) multi dwelling housing,
- (h) residential flat buildings,
- (i) rural workers' dwellings,
- (j) secondary dwellings,
- (k) semi-detached dwellings,
- (I) seniors housing,
- (m) shop top housing,

but does not include tourist and visitor accommodation or caravan parks.

# Serviced apartments

serviced apartment means a building (or part of a building) providing self-contained accommodation to tourists or visitors on a commercial basis and that is regularly serviced or cleaned by the owner or manager of the building or part of the building or the owner's or manager's agents.

#### **Commercial Premises**

commercial premises means any of the following-

- (a) business premises,
- (b) office premises,
- (c) retail premises.

Photographs of the subject land parcel and the relationship with adjoining properties are provided overleaf.



Photograph 1: Shows the subject site as viewed via Union Lane



Photograph 2: Shows the subject site as viewed from the northern side of High St





Photograph 3: Shows the neighbouring commercial building as viewed from High St



Photograph 4: Shows the evolving built form pattern within Penrith Town Centre

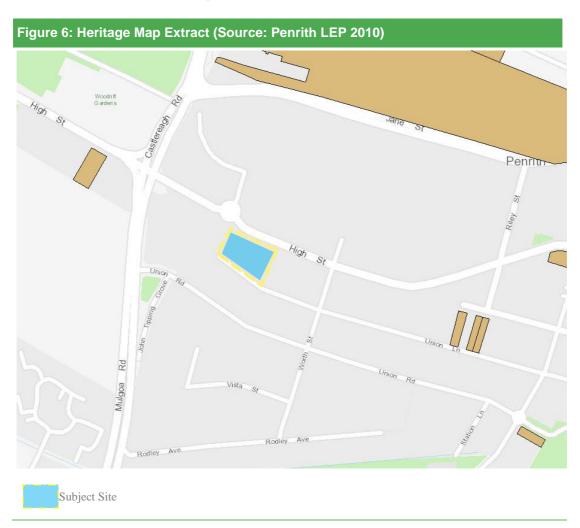


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# **HERITAGE**

The subject site is currently vacant and is not a heritage listed site or in a conservation area This is evident via heritage map extract provided below.



As such, there are no heritage restrictions on site and further investigation is considered unnecessary.



# **DESIGN EXCELLENCE**

#### ORIGINAL DESIGN EXCELLENCE SCHEME

Pursuant to the Penrith Local Environmental Plan 2010, Subclause 8.4(3)(a) stipulates that development within the Penrith City Centre that proposes a building greater than 6 storey needs to undertake an architectural design competition.

Responding to this provision in July 2018 an architectural design excellence competition was held for the maximum floor space ratio for the subject site at 3:1.

This design competition was unanimously won by DKO.

#### CHANGE IN THE PLANNING CONTROLS

On 20 December 2018 the Key Site LEP amendment was published which then permitted a maximum floor space ratio on the subject site up to 6:1. Noting the subject site is known as Key Site 10 within the Penrith LEP 2010.

Given the successful conclusion of the Design Excellence Competition and having regard to the demonstrated abilities of DKO and its understanding of the site and its context, Urban Apartments approached Council in January 2019 and put forward the recommendation of creating a Design Integrity Panel in preference to another design excellence competition.

The Design Integrity Panel was established as a way forward to build upon the work already completed by DKO and to ensure the proposal can satisfy Clause 8.4(3)(a)(4) of the Penrith LEP 2010

This Clause stipulates that Subclause 3 will not apply if the Director-General certifies in writing that the development is one for which an architectural design competition is not required.

The Council supported the opportunity for a design competition waiver, but this was conditional upon the waiver being issued for the design competition and the creation of the Design Integrity Panel.

# **DESIGN INTEGRITY PANEL**

The Design Integrity Panel was formed, and three meetings were held (17 May, 20 June and 22 August 2019) as detailed in the meeting minutes provided with this submission. At each Design Integrity Panel, a presentation was prepared and presented by DKO. A copy of these presentations is enclosed with this application to show how the design has evolved to eventually be awarded Design Excellence.



A letter from the NSW Government Architects Office is provided with this submission to confirm along with the detailed minutes of each of these meetings.

A number of important design directions occurred through the meetings with the Design Integrity Panel. Direction included, but was not limited to, key matters such as:

- The preference for a tall slender tower located to the east of the subject site, rather than two towers or a wider and shorter tower.
- Substantial amenities throughout the project in the form of both informal and formal communal spaces, and significant landscape treatment.
- The provision of a new pedestrian public through site link within the site along the eastern boundary that connects land to the south of the site to the CBD.

The Design Integrity Panel has concluded that the application exhibits Design Excellence for the purpose of Clause 8.4 of the Penrith LEP 2010. The Panel recommended a number of modest design development conditions that are stipulated in the Jury Endorsement Letter provided with this submission and discussed further below.

#### **DESIGN DEVELOPMENT AND CONDITIONS**

The Design Integrity Panel accepted the modified DKO scheme as the winning design, however, recommends that the following aspects be further explored as design development occurs prior to DA lodgement with Council.

DKO has ensured all these aspects are addressed in this submission as summarised in the table below.

Aspect	Response
Activation of communal spaces	Additional refinement of the communal spaces has included ensuring that all the communal facilities accessible for casual surveillance with balconies; living rooms and walkways that look onto these areas.
	Each of the communal rooms/spaces is also themed to provide a unique and functional quality to the space to encourage a sense of community and functionality for each space.
	The range of roles of spaces within the building is flexible and may evolve over time to suit the needs of the future residents.
	Creation of good quality and flexible spaces has underpinned the design of the proposed communal spaces.



#### Façade building form

Opportunity to finesse and articular the slab edges and façade panels to create more depth in the podium façade.

The slab edges and façade panels have been articulated to create the additional depth in the podium façade. This can be seen in the CGIs submitted with this application.

The indigenous artwork and storytelling could be represented in the architecture, for tower façade down to the ground floor and through the site link.

Further details are provided in the art strategy are to be developed in consultation with Council.

The glazing of lower apartments can be experimented with to provide privacy rather than relying on solely physical blades and barriers.

Please refer to the CGIs provided with this submission with details of the treatment of glazing to the lower apartments.

#### **Ground floor**

Noted that an awning will allow for greater differentiation at the podium and would add character and improve pedestrian amenity at the ground floor.

An awning is provided along High Street.

Potential for lobby and ground floor to have mezzanine levels to create more amenity at the street level. It is noted that fine tuning of the ground floor plan could provide greater amenity to retail tenants.

A mezzanine level has been incorporated to create the additional amenity at the street level. There has also been additional refinement to the ground floor to provide amenity for future retail tenants.

Blank wall of neighbouring property bounding through site link could provide opportunity for art integration.

Noted and to be incorporated into the development.

#### Landscape/Communal Space

Potential for the podium communal space levels to have more apertures to allow more visual connections, vertical circulation and sunlight to the lower communal spaces.

There podium communal spaces have been refined to allow more visual connections and circulation with sunlight penetrating to the lower communal spaces.

Central planter on level 4 to be larger and more organically shaped to stimulate activity and provide more greenery Integration of water into the landscape can Noted. provide areas of respite for residents.

The planter size has been maximised as far as possible and shaped to stimulate activities in this space.

Position of the gardens should be

considered.

Incorporated into the scheme included in this submission.

Outdoor Dining spaces should be moved away from corridors and areas of circulation.

This is incorporated as per the recommendation from the Panel.

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There is potential for the communal spaces surrounding children's rooms to be designed with play in mind. This can be carried down to the street level.

It is acknowledged the development application will be sent to the Design Integrity Panel to ensure design excellence is upheld.



# **PRE-DA MEETING**

A Pre DA meeting was held with Council staff members at the Penrith City council chambers on the 11 February 2020. A Pre DA advice letter was issued on 4 March 2020.

The Pre DA advice letter highlights that the proposal is the proposal in its current form is not supported. During the meeting several matters fundamental to the proposal were raised by Council which largely relate to the scale and density of the development in the location.

The relevant reference is PL20/0003. Relevant issues highlighted in the PL letter are addressed in the table below.

Comment
See updated information provided in this statement as well as separate CI offer and Section 7.11 document.
Additional details are provided in this submission to address the overall building height and how this is appropriate for this development. A separately commissioned report by Roberts Day also assists in providing a separate peer review of the design and the proposed building height.
All relevant requirements of the DCP are addressed in the SEE.
The proposed café which is fronting along the pedestrian laneway and Union Lane has been slightly enlarged. This is the proposed tenancy where a café is to be located. The other tenancies are provided with a variety of size and shapes to cater for a dynamic range of future uses.
Oversized and deep retail units are not suitable in this location as smaller and narrower retail units are aimed at providing the supplementary retail that is likely to occupy the subject premises in future. Large format retail that is deeper in design would be better suited to the Westfield centre on the opposite side of High Street.
Amenities are provided as shown at the ground level for the proposed retail units.
The servicing and access arrangements have been fully revised to take account of the issues raised by Council and are addressed in the revised ground floor plan. Further details are also provided in the supporting traffic and parking statement submitted with this application.



g) Public domain and roadway	Further details are provided in the plans submitted with this development application.
Plans required.	
3.5m wide pedestrian verge required.	
(h) Public art	The proposed development incorporates ample opportunities to provide for public art.
(i) Drainage and engineering	Noted. Further details are provided in the traffic and parking assessment provided with this application.
(j) SEPP 65 & the Apartment Design Guide (ADG)	Details are provided in the Design Verification Statement and this Statement of Environmental Effects.
(k) Serviced apartments	Please refer to revised architectural plans which seek to address these comments as raised by Council.
(I) Landscape	Please see enclosed Landscape plans provided by Turf Design Studio.
2. Engineering	
(a) Key engineering matters	Stormwater details are provided in accordance with the Penrith DCP 2010 as required.
(b) Roadworks	Details are provided in the engineering plans provided with this application.
(c) General engineering matters	Details are provided in the engineering plans provided with this application.
(d) Stormwater	Details are provided in the engineering plans provided with this application.
(e) Mainstream Flooding	A flood impact report is provided with this application.
(f) Local overland flows	A flood impact report is provided with this application.
(g) Earthworks	Details are provided in the engineering plans provided with this application.
3. Traffic	
(a) Pedestrian safety	Please refer to the revised traffic and parking assessment provided with this application.
(b) Access from Union Lane	Please refer to the revised traffic and parking assessment provided with this application.
4. Environmental Management	
(a) Noise impacts	A acoustic assessment is provided with this development application.
(b) State Environmental Planning Policy No. 55 – Remediation of land (SEPP 55)	A Remediation Action Plan is submitted with this development application.



(c) Public health – Pool	Further details of the proposed pool are provided with this submission.
(d) Food handling and storage	The fit out of the café will be the subject of a separate DA.
(e) Waste management	A waste management plan is provided with this application.
(f) Water quality	See the waste management plan provided with this application.
(g) General environmental health impacts	Further details are provided in this statement of environmental effects.
5. Building	
(a) Building Code of Australia	An access report is provided with this submission.
6. Waste	
(a) Multi-use loading bay	See submitted and revised architectural plans provided with this application.
(b) Residential collection requirements – swept paths and manoeuvring	See submitted and revised architectural plans provided with this application.
(c) Residential waste rates	See submitted and revised architectural plans provided with this application.
(d) Loading bay management plan	See submitted and revised architectural plans provided with this application.



# **DESCRIPTION OF PROPOSAL**

This Development Application is for the construction of a 46-storey Mixed-Use development including residential units, serviced apartments, commercial and retail suites at No. 614-632 High Street, Penrith.

The key aspects of the proposal are as follows:

#### **RESIDENTIAL MIX**

A total of 272 residential units with the following mix:

### Serviced Apartments:

- o 2 x 2 bedroom + 1 bedroom units
- o 35 x 2 bedroom dual key units
- o 4 x 3 bedroom dual key units.

# • Residential Apartments:

- o 104 x 1 bedroom units
- o 134 x 2 bedroom units
- o 34 x 3 bedroom units.

#### COMMERCIAL/RETAIL

A total of 1,487m² of commercial/retail floor space as part of the proposal which comprises:

- 607m² retail
- 120m² café
- 760m² commercial.

#### **PARKING**

The proposal provides 338 car parking spaces over 5 levels with the following breakdown:

• **Ground Carpark:** The ground floor car parking is solely used for the commercial and retail suites as demonstrated overleaf.



- 14 retail spaces + 5 commercial spaces + 1 accessible space + 2 service vehicle spaces = a total of 20 spaces.
- **Mezzanine Level Carpark:** The mezzanine level car parking are for:
  - 4 commercial spaces + 34 services apartment spaces + 4 accessible spaces + 2 adaptable + 7 visitor = a total of 51 spaces.
- **Podium Level 1 Carpark:** The podium car parking level is for:
  - 65 residential space + 9 accessible space + 15 visitor = a total of 89 spaces.
- Podium Level 2 Carpark: The Podium car parking level is for:
  - 65 residential spaces + 9 adaptable space + 15 visitor = a total of 89 spaces.
- **Podium Level 3 Carpark:** The Podium car parking level are for the residential component of the proposal as demonstrated below:
  - 65 residential space + 9 adaptable spaces + 15 visitor = a total of 89 spaces.

The relevant architectural plans for the proposal have been prepared by DKO. The design of the proposed development incorporates a design excellence standard of contemporary architectural aesthetics that reflects the new and emerging character of the Penrith Town Centre.

Consideration has also been given to residential amenity including aspects such as privacy and solar access for both future residents of the proposal and those of surrounding properties.

The proposal complies with key planning requirements as discussed further within this statement.



# **PLANNING CONTROLS**

# STATUTORY CONTROLS

The relevant Statutory Planning Controls include:

- State Environmental Planning Policy BASIX
- State Environmental Planning Policy No. 55 Remediation of Land
- State Environmental Planning Policy No.65 Design Quality of Residential Apartment Development
- Sydney Regional Environmental Plan No. 20- Hawkesbury Nepean River
- Penrith Local Environmental Plan 2010.

#### **POLICY CONTROLS**

The applicable policy control documents are:

- Penrith Development Control Plan 2014
- The Apartment Design Guide.



# **CONSIDERATION OF PLANNING CONTROLS**

The following summarises the relevant planning controls in relation to the proposal and their compliance.

#### STATE ENVIRONMENTAL PLANNING POLICY BASIX

A BASIX Certificate is provided with this development application which demonstrates the proposal complies with the water and energy savings targets for new residential developments.

Please refer to this Certificate for further details demonstrating that energy efficient and environmentally sustainable development practices have been incorporated into the design of the proposed development to ensure that energy efficient solutions have been utilised.

#### STATE ENVIRONMENTAL PLANNING POLICY NO. 55 - REMEDIATION OF LAND

Clause 7 of SEPP 55 provides:

- 1. A consent authority must not consent to the carrying out of any development on land unless:
- (a) it has considered whether the land is contaminated, and
- (b) if the land is contaminated, it is satisfied that the land is suitable in its contaminated state (or will be suitable, after remediation) for the purpose for which the development is proposed to be carried out, and
- (c) if the land requires remediation to be made suitable for the purpose for which the development is proposed to be carried out, it is satisfied that the land will be remediated before the land is used for that purpose.

Given the historical use of the locality, land contamination is not likely. Further investigation and reporting under SEPP 55 are not considered necessary as there is no underlying change of use of the land and as such Clause 7 of the SEPP is satisfied.

If any contaminated material or suspected contaminated material is unearthed during the construction process, then actions consistent with the legislative requirements and guideline document will be undertaken.

This application is submitted with a Geotechnical Investigation Report, Additional Ground Water Assessment and Remediation Action Plan which confirms the Environmental Consultant considers that the potential for significant contamination of soil and ground water within the site to be low.



The requirement at clause 7 of SEPP 55 for Council to be satisfied that the site is suitable or can be made suitable for the proposed development is considered in the following table.

Matter for consideration	Yes	No
Does the application involve re-development of the site or a change of land use?		Χ
Is the development going to be used for a sensitive land use (e.g. residential, educational, recreational, childcare or hospital)?	Υ	
Does information available to you indicate that an activity listed below has ever been approved, or occurred at the site?  acid/alkali plant and formulation, agricultural/horticultural activities, airports, asbestos production and disposal, chemicals manufacture and formulation, defence works, drum re-conditioning works, dry cleaning establishments, electrical manufacturing (transformers), electroplating and heat treatment premises, engine		X
works, explosive industry, gas works, iron and steel works, landfill sites, metal treatment, mining and extractive industries, oil production and storage, paint formulation and manufacture, pesticide manufacture and formulation, power stations, railway yards, scrap yards, service stations, sheep and cattle dips, smelting and refining, tanning and associated trades, waste storage and treatment, wood preservation		
Is the site listed on Council's Contaminated land database?		Χ
Is the site subject to EPA clean-up order or other EPA restrictions?		Χ
Has the site been the subject of known pollution incidents or illegal dumping?		Χ
Does the site adjoin any contaminated land/previously contaminated land?		Χ
Has the appropriate level of investigation been carried out in respect of contamination matters for Council to be satisfied that the site is suitable to accommodate the proposed development or can be made suitable to accommodate the proposed development?	Υ	

Based on previous investigations the site has been used for commercial purposes and 2 underground storage tanks were present on the site dating back to 1958. These tanks were removed in 1996. As such a remediation action plan is provided with this submission which provides a set of contingency measures that will deal with expected finds, should they be encountered during the proposed redevelopment.

Formal remediation of the site is not deemed as necessary however a remediation action plan is provided in case there are finds during the development process. The report finds that the site will remain suitable for the proposed mixed use commercial and residential development, assuming the provisions outlined in the remediation action plan are adhered to during the excavation and construction programme.



# SEPP NO. 65 DESIGN QUALITY OF RESIDENTIAL APARTMENT DEVELOPMENT AND THE APARTMENT DESIGN GUIDE

The development application is accompanied by a design verification statement prepared by DKO, verifying that he has directed and designed the proposal, and that the design quality principles set out in Part 2 of the SEPP are achieved for the residential flat development.

A description of compliance with the applicable development controls such as setbacks, building depth, separation, height, etc. is provided in the local planning controls discussion and tables below.

The table below provides a detailed discussion against the relevant provisions of the Apartment Design Guide, noting that a number of these provisions are embodied within the Penrith Local Environmental Plan 2010 and supporting Penrith Development Control Plan 2014.

An assessment against the relevant objectives and design guidelines contained in parts 3 and 4 of the Architectural Design Guide can be found below.

Clause 6A of the amended SEPP states that development control plans cannot be inconsistent with the Apartment Design Guide for the following matters set out in parts 3 and 4 of the guide:

- (a) visual privacy,
- (b) solar and daylight access,
- (c) common circulation and spaces,
- (d) apartment size and layout,
- (e) ceiling heights,
- (f) private open space and balconies,
- (g) natural ventilation,
- (h) storage.

The SEPP states that if a development control plan contains provisions that specify requirements, standards or controls in relation to a matter to which clause 6A applies, those provisions are of no effect.



ADG Element	Design Criteria/Design Guideline	Proposed	Compliance		
Part 3 – Siting the Development					
3A Site Analysis	Appendix 1 of the ADG	Provided	Yes		
3B Orientation	Building to define the street, by facing it and incorporating direct access from the street  Where an adjoining	The proposal has been designed to address its frontages with direct pedestrian access to the subject building provided from multiple frontages. Passive surveillance opportunities are provided from primary living areas and balconies that overlook all streets.			
	building does not currently receive 2 hours of sunlight in midwinter, solar access should not be further reduced by > 20%	Not applicable	N/A		
	4 hours of solar access should be retained to solar collectors on neighbouring buildings	Adjoining properties do not contain solar collectors	N/A		
3C Public Domain Interface	Terraces, balconies should have direct street entry, where appropriate.	3	Yes		
	Mail boxes should be located in lobbies, perpendicular to the street alignment or integrated into front fences where individual street entries are provided	Appropriate location of mail boxes is provided. Complies.	Yes		
	Substations, pump rooms, garbage storage rooms and other service rooms should be located in the basement carpark or out of view	The waste collection room is enclosed and incorporated into the overall building and not visible from the street level.  Furthermore, the substation is provided along one of the site's			
		frontage (Union Lane), it will have minimal impact on the streetscape.			



3D Communal and Public Open Space	Design Criteria:		
	Communal open space has a minimum area equal to 25% of the site	The development provides >25% of communal open space within the proposal. As the site is 4,715m² in area, there is a requirement for 1,179m² of communal space. The proposal in fact provides a laudable 3,827m².	Yes
	50% of the principal COS should receive 2 hours of sunlight between 9am and 3pm	The communal open space is provided on both Levels 4-6 of the podium and a high level of solar access is provided to both communal spaces achieving a high level of amenity.  The communal open space has been designed to maximise solar access.	Yes
3E Deep Soil Zones	Design Criteria:		
Zones	A deep soil zone equivalent to 7% of the site area must be provided	There is 720m² of deep soil provided where there is 330m² required. 15.3% is achieved.	Yes
	If over 1500m² then min dimensions of 6m	Compliance is achieved.	Yes
	Design Guidelines:		
	On some sites, it may be possible to provide larger deep soil zones:	Not applicable as compliance is achieved.	NA
	<ul> <li>10% of the site as deep soil on sites with an area of 650m²- 1,500m²</li> <li>15% of the site as deep soil on sites greater than 1,500m²</li> </ul>		
3F Visual Privacy	Design Criteria:		
Building Separation Up to 4 storeys (up to 12m)		The subject land parcels reside within its own island and as a result does not bound any residential land	N/A



		parcels, therefore the building separation controls do not apply, noting the boundary to the road networks will provide separation in excess of the minimum requirements.  The design scheme of both buildings ensures that all units either are oriented to take advantage of the site's frontages to road networks with predominantly blank walls combined with appropriate treatments to relevant balconies to mitigate potential internal privacy impacts to neighboring properties	
3G Pedestrian Access and Entries	Building entries should be clearly identifiable and communal entries should be clearly distinguished from private areas	The building provides clearly distinguishable entry points from majority of the site's frontages.	Yes
3H Vehicle Access	Car park access should be integrated with the building's overall façade Car park entry and access should be located on secondary streets or lanes where available	The vehicular access point and has been designed to be integrated with the overall design of the building.  Vehicle access is provided from Union Lane.	Yes
3J Carparking	Design Criteria: Carparking for sites within 800m of a railway station or light rail stop can provide parking at the rate of:  0.4 spaces per 1 bedroom unit  0.7 spaces per 2 bedroom unit  1.2 spaces per 3 bedroom unit  1 space per 7 units (visitor parking)	The development site is within 800m of a railway station.  A Traffic Impact Assessment prepared by Varga Traffic Planning Pty Ltd is provided with this application.  The Penrith DCP 2010 Parking Requirements would result in the parking provision of:  • Residential apartments (272 units): 177 spaces • Visitors: 39 spaces • Serviced apartments (80 keys): 53 spaces	N/A



		<ul> <li>Commercial suites (1,373m²): 8 spaces*</li> <li>Retail shops (727m²): 15 spaces*</li> <li>Car wash bay: 4 spaces</li> <li>Service bay: 8 spaces</li> <li>TOTAL: 304 spaces.</li> </ul>	
		* 60% of total requirement.	
		In this case consideration is also given to the RMS guidelines where on site parking can be reduced where the site is within 800m of a train station – please refer to Traffic Statement.	
	Design Guidelines: Secure undercover bicycle parking should be provided that is easily accessible from both the public domain and common areas.	The proposal provides appropriate undercover and secure residential bicycle parking spaces.	Yes
Part 4 – Designing th	ne Building		
4A Solar Access	Design Criteria:		
	Living rooms and private open space of at least 70% of units to receive 2 Hours Solar Access between 9am and 3pm Mid-Winter	233 apartments achieve the required solar access of 74.4% of units achieve the required 2 hours of solar access at mid-winter within the mix use building.	Yes
	A maximum of 15% of apartments receive no direct sunlight between 9am and 3pm Mid- Winter	Complies as there are zero apartments that receive no solar access.	Yes
4B Natural Ventilation	Design Criteria:		
· Cittiation	60% of Units are cross	65.5% of units are cross ventilated.	Yes
	ventilated in a building up to 9 storeys		
		All cross over apartments are less than 18m with the longest being 15.2m.	Yes

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	The building should include dual aspect apartments, cross through apartments and corner apartments and limit apartment depths	Development has a mix of dual aspect apartments, single aspect and corner apartments. See attached architectural plans for detail.	Yes
	Design Criteria:		
	2.7m for habitable 2.4m for non-habitable 3.3m	Complies	Yes
4D Unit Sizes	Design Criteria:		
Studio 1 bed 2 bed 3 bed + 5m² for each unit with more than 1 bathroom.	35m <sup>2</sup> 50m <sup>2</sup> 70m <sup>2</sup> 90m <sup>2</sup>	All units comply with many units exceeding. Where additional bathrooms have been provided unit sizes have been increased by at least 5m <sup>2</sup>	Yes
Habitable Room Depths	Every habitable room must have a window in an external wall with a total minimum glass area of not less than 10%	Every habitable room is provided with a window.	Yes
	<u>Design Guidelines:</u> Limited to 2.5m x Ceiling Height	N/A as open plan layouts provided	N/A
Bedroom sizes	Master bedroom sizes all comply.		
Master Other	10m <sup>2</sup> 9m <sup>2</sup>	Comply Comply	Yes Yes
Living rooms/dining areas have a minimum width of: 3.6m 4m	Studio/1 bedroom 2bedroom/ 3bedroom	Comply Comply	Yes Yes
Open Plan Layouts that include a living, dining room and kitchen.	8m to a window	Complies given unit depths and design layouts.	Yes



4E Private Open Space	Design Criteria:		
Balcony Sizes 1 bed 2 bed 3 bed Ground level/	8m <sup>2</sup> & 2m depth 10m <sup>2</sup> & 2m depth 12m <sup>2</sup> & 2.4m depth 15m <sup>2</sup> & 3m depth	Complies Complies Complies	Yes Yes Yes
podium apartments			
4F Common Circulation and Spaces	Design Criteria:		
Common Circulation Units per Plate	8 unit per plate	The development provides a maximum of 8 units per plate to a lift core.	Yes
4G Storage		The proposal provides:	
	1 bed 6m <sup>3</sup> 2 bed 8m <sup>3</sup> 3 bed 10m <sup>3</sup>	1 bed: >6m <sup>3</sup> 2 bed: >8m <sup>3</sup> 3 bed: >10m <sup>3</sup>	Yes
	Min 50% of required storage is within the apartment	This is provided within the ground floor and mezzanine car park and within the units themselves, with a minimum of 50% of storage to be provided within each individual unit.	
		The proposed development is considered to offer storage space that aligns with the provisions of the ADG.	
4H Acoustic Privacy	Adequate building separation is provided within the development and from neighboring buildings/adjacent uses	Existing road network provides adequate separation from neighbour buildings/properties.	Yes
	Windows and door openings are generally orientated away from noise source	Where appropriate windows and door openings are orientated away from noise sources.	Yes
	Noisy areas within buildings including building enters and corridors should be located next to or above each other and quieter	The application is designed to create different 'zones' with more active areas clustered together and more passive areas also clustered together to maximise acoustic	Yes



areas next to or above quieter areas.  4K Apartment Mix  A variety of apartment types is provided  A variety of apartment types is provided  A diversity of apartments is proposed as follows:  - 104 x 1 bedroom: 38% - 134 x 2 bedroom: 49% - 34 x 3 bedroom: 13%  The proposed unit mix will offer a variety of housing choice.  The proposed unit mix will offer a variety of housing choice.  The proposed unit mix will offer a variety of housing choice that responds to market demand, noting that the bedroom numbers and size of units are varied that will provide for a range of sizes to meet the needs of occupants and also provide different pricing points for the alternative sizes which will contribute to affordability.  4M Facades  Building facades should be well resolved with an appropriate scale and proportion to the streetscape and human scale  Building facades and proportion to the streetscape and human scale  The proposed facades are well and horizontal features including windows, projecting walls and balconies and framed elements.  Overall the proposed facade is considered a quality design outcome that is compatible with other comparable modern RFB within the wider Penrith LGA.  4O Landscape  Design  1 large tree or 2 medium trees per 80m² of DSZ  Consistent as per landscaping, noting where appropriate existing trees are to be retained.  Yes  Achieve Liveable House Guidelines silver level universal design features  Meets Penrith DCP of 10% adaptable housing requirement.				
types is provided  proposed as follows:  - 104 x 1 bedroom: 38% - 134 x 2 bedroom: 49% - 34 x 3 bedroom: 13%  The proposed unit mix will offer a variety of housing choice.  The proposal is designed with a mix of units to provide a variety of housing choices that responds to market demand, noting that the bedroom numbers and size of units are varied that will provide for a range of sizes to meet the needs of occupants and also provide different pricing points for the alternative sizes which will contribute to affordability.  4M Facades  Building facades should be well resolved with an appropriate scale and proportion to the streetscape and human scale  The proposed facades are well articulated with a mixture of vertical and horizontal features including windows, projecting walls and balconies and framed elements.  Overall the proposed facade is considered a quality design outcome that is compatible with other comparable modern RFB within the wider Penrith LGA.  40 Landscape  Design  1 large tree or 2 medium trees per 80m² of DSZ  Consistent as per landscaping, noting where appropriate existing trees are to be retained.  Yes  4Q Universal Design  20% of the total apartments  Guidelines silver level  Meets Penrith DCP of 10% Yes adaptable housing requirement.			-	
be well resolved with an appropriate scale and proportion to the streetscape and human scale  Overall the proposed facade is considered a quality design outcome that is compatible with other comparable modern RFB within the wider Penrith LGA.  40 Landscape  Design  1 large tree or 2 medium trees per 80m² of DSZ  1 large tree or 2 medium trees are to be retained.  40 Universal Design  Achieve Liveable House Guidelines silver level  Achieve Liveable House Guidelines silver level  Archieve Liveable House adaptable housing requirement.	4K Apartment Mix		proposed as follows:  - 104 x 1 bedroom: 38% - 134 x 2 bedroom: 49% - 34 x 3 bedroom: 13%  The proposed unit mix will offer a variety of housing choice.  The proposal is designed with a mix of units to provide a variety of housing choices that responds to market demand, noting that the bedroom numbers and size of units are varied that will provide for a range of sizes to meet the needs of occupants and also provide different pricing points for the alternative sizes which will contribute to	Yes
Design  1 large tree or 2 medium trees per 80m² of DSZ  noting where appropriate existing trees are to be retained.  4Q Universal Design  20% of the total apartments  Achieve Liveable House Guidelines silver level adaptable housing requirement.	4M Facades	be well resolved with an appropriate scale and proportion to the streetscape and human	articulated with a mixture of vertical and horizontal features including windows, projecting walls and balconies and framed elements.  Overall the proposed facade is considered a quality design outcome that is compatible with other comparable modern RFB	Yes
20% of the total Achieve Liveable House Meets Penrith DCP of 10% Yes apartments Guidelines silver level adaptable housing requirement.		<u> </u>	noting where appropriate existing	Yes
apartments Guidelines silver level adaptable housing requirement.	4Q Universal Design			
		Guidelines silver level		Yes

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4S Mixed Use	Design Guidelines:		
	Mixed use development positively contribute to the public domain.  Design solution may include:	The development proposes a mixed use development that has been designed to adequately address its dual frontages whilst providing a variety of land uses to activate the streetscape.	Yes
	<ul> <li>development         addresses the street</li> <li>active frontage is         provided</li> <li>diverse activities         and uses</li> <li>avoiding blank walls         at the ground level</li> </ul>	The proposal is to be articulated with various opening to avoid blank wall at the ground floor.	
	Residential circulation areas should be clearly defined.	The primary residential entry is clearly separated from commercial entries with both access points having direct accessible from High Street and Union Lane.	Yes
	Landscaped communal open space should be provided at podium or roof level	A variety of communal open space is spread throughout the building.	Yes
4U Energy Efficiency		The future development application will be accompanied by a BASIX certificate indicating energy efficiency for each residential unit provided.	Yes
4V Water Management and Conservation	Reduce mains consumption, and reduce the quantity of storm water runoff.	The application has been provided with a BASIX certificate indicating energy efficiency for each residential unit provided.	Yes
4W Waste	Supply WMP	Provided	Yes
Management	Allocate storage area	Appropriate waste storage areas are provided.	Yes
4X Building Maintenance	To ensure long life and ease of maintenance for the development.	The proposed material is considered durable which may be easily cleaned.	Yes

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# SYDNEY REGIONAL ENVIRONMENTAL PLAN (SREP) NO. 20 HAWKESBURY NEPEAN RIVER

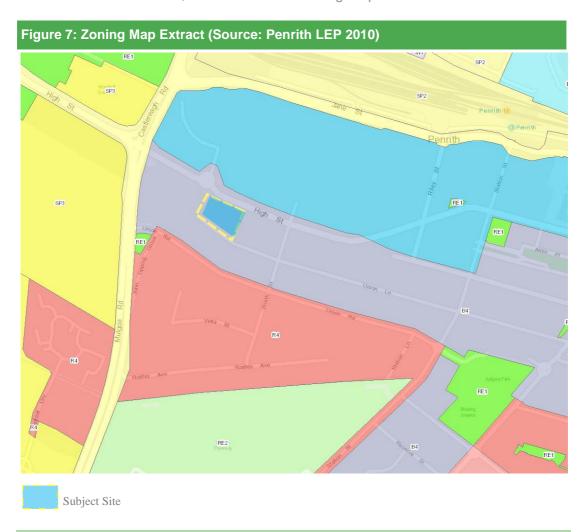
The development proposal incorporates a drainage concept that demonstrates that stormwater can be adequately conveyed to the existing street network.

Appropriate erosion and sediment controls can be implemented throughout construction and it is anticipated that conditions of consent will reinforce this. It is noted that the proposal meets the recently adopted WSUD measures required to achieve appropriate water quality for stormwater discharge.



### PENRITH LOCAL ENVIRONMENTAL PLAN 2010

The development site is zoned B4 Mixed Use under the provisions of the Penrith Local Environmental Plan 2010, as shown on the zoning map extract below.



A 'Mixed Use' development is permissible with consent within B4 Mixed Use zone and the proposal is consistent with the definitions for each individual land use contained within the LEP:

**mixed use development** means a building or place comprising 2 or more different land uses.

**residential flat building** means a building containing 3 or more dwellings but does not include an attached dwelling or multi dwelling housing.

<u>AND</u>



**serviced apartment** means a building (or part of a building) providing self-contained accommodation to tourists or visitors on a commercial basis and that is regularly serviced or cleaned by the owner or manager of the building or part of the building or the owner's or manager's agents.

### **AND**

commercial premises means any of the following-

- (a) business premises,
- (b) office premises,
- (c) retail premises.

## <u>AND</u>

**retail premises** means a building or place used for the purpose of selling items by retail, or hiring or displaying items for the purpose of selling them or hiring them out, whether the items are goods or materials (or whether also sold by wholesale), and includes any of the following:

- (a) (Repealed)
- (b) cellar door premises,
- (c) food and drink premises,
- (d) garden centres,
- (e) hardware and building supplies,
- (f) kiosks,
- (g) landscaping material supplies,
- (h) markets.
- (i) plant nurseries,
- (j) roadside stalls,
- (k) rural supplies,
- (I) shops,
- (la) specialised retail premises,
- (m) timber yards,
- (n) vehicle sales or hire premises,

but does not include highway service centres, service stations, industrial retail outlets or restricted premises.

The development proposal is also consistent with the prescribed zone objectives which are stipulated as:

- To provide a mixture of compatible land uses.
- To integrate suitable business, office, residential, retail and other development in accessible locations so as to maximise public transport patronage and encourage walking and cycling.



- To minimise conflict between land uses within the zone and land uses within adjoining zones.
- To create opportunities to improve public amenity.
- To provide a wide range of retail, business, office, residential, community and other suitable land uses.

The table below provides detail on the development standards relevant to the current proposal as well as other relevant LEP provisions.

Penrith Loc	al Environmental Plan 2010 - Co	ompliance Table	
Clause	Control	Comment	Complies
Zoning	B4 Mixed Use	A Residential Flat Building, Serviced Apartments, Commercial and Retail development, are permissible with consent within B4 Mixed Use zone	Yes
Part 2 Perm	itted or Prohibited Developmen		
2.3	Zone Objectives and Land Use Table	The proposal is consistent with the zone objectives of the B4 zone and will provide additional housing in the catchment of public transport and services whilst contributing to range of housing types to suit the needs of residents, including affordable housing.  The proposal will appropriately fulfil the site's zoning potential, provide an attractive built form that will address the public domain and increase housing stock within the locality.	Yes
2.6	Subdivision – Consent Requirements	No subdivision is proposed. Not applicable.	N/A
2.7	Demolition Requires Consent	No demolition works is proposed as part of this application, noting the site is vacant.	N/A
Part 4 Princ	ipal Development Standards		
4.3	Height of Buildings- 32m	Penrith Local Environmental Plan states that the maximum building height within the subject site is 32m. Noting the provisions of Part 8 of the LEP apply.	N/A – see Part 8



4.4	Floor Space Ratio 3:1	Penrith Local Environmental Plan states that the maximum FSR on site is 3:1. It is evident the subject land parcel is identified as Key Site no. 10 in the Penrith LEP. as such, a maximum FSR of 6:1 is applicable to the subject land parcel.  The proposal does not exceed 6:1.	Yes
4.5	Calculation of floor space ratio and site area	The floor space ratio has been calculated based on the definition of gross floor area of all buildings within the site area.  In this case, the car parking area is excluded from the gross floor area as the parking is provided to meet the requirements of Penrith City Council – note the definition also excludes the access to the parking. As such the ground floor parking area, mezzanine parking and podium parking areas are excluded from the calculation of gross floor area.	
Part 5 Misce	ellaneous Provisions		
5.10	Heritage	The site is not heritage listed or located within heritage conservation area.  The site is not located in proximity to any listed heritage items.  Given this the proposal will not impact the curtilage of any listed heritage items in the wider vicinity of the site.	N/A
Part 7 Addit	ional Local Provisions		
7.1	Earthworks	This application seeks Council consent for the excavation of the site as per the attached plans.  It is considered that the proposed excavation will have minimal adverse environmental or amenity impact.  The proposal results in an appropriate outcome when considering the nature of the development, the unique characteristics of the site and compliance with relevant Council controls.  The proposed excavation is consistent with the current and future use of the land and will develop the site into context with	Yes



		its surrounds and in accordance with Councils current and proposed planning strategies.	
		It is considered unlikely due to the location of the site as well as previous development that excavation will lead to the disturbance of relics.	
7.2	Flood planning	The site is not identified as being flood prone by Council's flood planning land map sheet FLD_006.	N/A
7.3	Development on Natural Resources Sensitivity Land	The site is not identified on the Natural Resources Sensitive Map. Not applicable.	N/A
7.4	Sustainable Development	The proposal satisfies the LEP in that:	Yes
		<ul><li>(a) conserving energy and reducing carbon dioxide emissions,</li><li>(b) embodied energy in materials and building processes,</li></ul>	
		Proposal incorporates a BASIX certificate relating to energy efficiency.	
		<ul><li>(c) building design and orientation,</li><li>(d) passive solar design and day lighting,</li><li>(e) natural ventilation,</li></ul>	
		The majority of units receive good solar access and natural ventilation.	
		<ul><li>(f) energy efficiency and conservation,</li><li>(g) water conservation and water reuse,</li></ul>	
		Proposal incorporates a BASIX certificate relating to energy/water efficiency.	
		(h) waste minimisation and recycling,	
		Waste management and recycling is addressed through the attached waste management plan.	
		(i) reduction of vehicle dependence,	
		Proposal is located within a walking distance to bus stops and Penrith Train Station that gives alternative means of transport.	



	(j) potential for adaptive reuse.  Given the zoning of the site as B4 there is ample opportunity for adaptive re-use potential on the site.	
Protection of Scenic Character and Landscape Values	The subject site is not identified as being on Land with Scenic and Landscape Values.	N/A
Salinity	Due to the nature and location of the site it is not likely to be affected by Saline Soils. Not applicable.	N/A
Servicing	The development site is well serviced by water and sewer and the required utility clearances will be obtained prior to works commencing on site.	Yes
Provision – Penrith City Centre		
Application of Part	Clause Application Map has identified that the development site is located within the Penrith City Centre.	Yes
Sun Access	The development is not located within the vicinity of Allen Place, Memory Park, Judges Park and to High Street between Station Street and Lawson Street and as such will not result in the overshadowing of identified protected public space.	Yes
Minimum Building Street Frontage	The development site is zoned B4 Mixed Use, however it is noted that the site does contain at least 1 frontage >20m.	N/A
Design Excellence	The development site is identified as key site 10. As stated previously the	Yes
	development proposes a building with storeys and as per Subclause 8.4(3)(a) – an architectural design competition is required to be undertaken.	
	development proposes a building with storeys and as per Subclause 8.4(3)(a) – an architectural design competition is	
	and Landscape Values  Salinity  Servicing  Provision – Penrith City Centre Application of Part  Sun Access  Minimum Building Street Frontage	Given the zoning of the site as B4 there is ample opportunity for adaptive re-use potential on the site.  Protection of Scenic Character and Landscape Values  The subject site is not identified as being on Land with Scenic and Landscape Values.  Salinity  Due to the nature and location of the site it is not likely to be affected by Saline Soils. Not applicable.  Servicing  The development site is well serviced by water and sewer and the required utility clearances will be obtained prior to works commencing on site.  Provision – Penrith City Centre  Application of Part  Clause Application Map has identified that the development site is located within the Penrith City Centre.  Sun Access  The development is not located within the vicinity of Allen Place, Memory Park, Judges Park and to High Street between Station Street and Lawson Street and as such will not result in the overshadowing of identified protected public space.  Minimum Building Street  The development site is zoned B4 Mixed Use, however it is noted that the site does contain at least 1 frontage >20m.  Design Excellence  The development site is identified as key



		proposal exhibits design excellence. Clause 8.4 is satisfied.	
8.5	Building Separation	The development site sits within its own island and as such will be sufficiently separated from neighboring buildings on adjacent lots.	Yes
8.7	Community Infrastructure on Certain Key Sites	The subject land parcel is identified as a key site within Penrith LEP.  Penrith LEP stipulates the following:  (3) Despite clauses 4.3, 4.4 and 8.4 (5), the consent authority may consent to development on land to which this clause applies (including the erection of a new building or external alteration to an existing building) that exceeds the maximum height shown for the land on the Height of Buildings Map or for land shown on the Floor Space Ratio Map or both, if the proposed development includes community infrastructure.  Further discussions with Council will continue to agree on the form of the community infrastructure contribution which will include:  • A letter of offer to enter into a Planning Agreement in relation to the Community Infrastructure offer  • A statement addressing the requirements of clause 8.7 Community Infrastructure on certain key sites of the Penrith LEP 2010  • Nominate the preferred Community Infrastructure type and preferred item  • A Staging or Concept Plan.  Please refer to Attachment A to this statement for further explanation relating to the Community Infrastructure Offer.  (4) The consent authority must not consent to the erection of a building on land to which this clause applies if the floor space ratio for the building exceeds the following floor space ratio—	Yes



(b) in relation to development on land identified as "Key Site 3" or "Key Site 10"—6:1,

The proposal is identified as key Site No.10 and does not seek to vary to 6:1 control prescribed for the subject land parcel.

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# PENRITH DEVELOPMENT CONTROL PLAN 2014

The relevant provisions are provided in the table below

Penrith D	evelopment Control Plan 2014	– Compliance Table	
Clause	Controls	Comment	Complies
C1 Site PI	anning and Design Principles		
1.1	Site Planning	1.1.1 Site Analysis A Site Analysis has been prepared and is attached as part of this application.	Yes
		The site analysis identifies the relevant considerations required by Council and acknowledges the unique opportunities and constraints of the site that have informed the design of the development proposal.	
		1.1.2 Key Areas with Scenic and Landscape Values	
		The subject site is not identified as being on Land with Scenic and Landscape Values.	N/A
1.2	Design Principles	1.2.2 Built Form – Energy Efficiency and Conservation  The proposed development maximises solar access to units and is designed in a manner that achieves natural light and ventilation, noting compliance to solar access and natural ventilation provision under the ADG.	Yes
		A BASIX certificate is attached to this statement.	
		1.2.3 Building Form – Height, Bulk and Scale It is considered that the proposal will result in an appropriate outcome on site that responds to the unique characteristics of the site.	Yes
		1.2.4 Responding to the Site's Topography and Landform  The subject site topography and landform is appropriate and will not impact on the site's ability to accommodate the proposed developments.	Yes

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1.2.5 Safety and Security (Principles of Crime Prevention through Environmental Design)

Yes

The proposed development incorporates active façades that will permit casual surveillance to all frontages as well as the common areas of the proposal.

The proposal incorporates open space and landscaped areas that will contribute to activity and natural surveillance of the area.

The proposed landscaping and fencing are appropriate when considering CPTED principles and will not permit easy concealment of intruders.

The proposed development is appropriate and provides measures, built elements, landscaping and design features that are consistent with CPTED principles.

Yes

### <u>1.2.6 Maximizing Access and</u> Adaptability

Proposal has been designed to provide access to and from the site for people with mobility issues.

### C2 Vegetation Managemen

2.1 Preservation of Trees and Vegetation

The site is not identified as being located within the Natural Resources Sensitive Map under Penrith LEP 2010.

Yes

The proposed extensive landscape treatment seeks to soften the built form and integrate with the development and the site's context within mixed commercial context.

It is highlighted that no significant vegetation is to be impacted as part of the proposal.

Landscaping of the site is to be undertaken in accordance with the attached Landscape Plan.

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2.2	Areas of Remnant Indigenous	The subject site is not identified as being within a Natural Resource Sensitive Land under Penrith LEP 2010. Not applicable.	N/A
2.3	Bushfire Management	The subject site is not identified as being within a Bushfire Prone Land under Penrith LEP 2010. Not applicable.	N/A
C3 Water M	lanagement		
3.1	Water Conservation	The development application is accompanied by a complying BASIX certificate that outlines how water usage will be minimised.	Yes
3.2	Catchment Management and Water Quality	Appropriate management of the site during the demolition and construction phases will contribute towards protecting the catchments natural water systems.  A Stormwater Management Plan has been prepared and is attached as part of this application.	Yes
3.3	Watercourses, Wetlands and Riparian Corridors	The subject site is not located within proximity to a watercourse, wetland or riparian corridor. Not applicable.	N/A
3.4	Groundwater	The proposed development application is or the construction of a Mixed-Use building.  It is not considered that the proposal will impede existing ground water flows. It is considered that the risk of site contamination occurring during construction and future use of the site is low. Not applicable.	N/A
3.5	Flood Planning	The subject site is not identified as being flood prone. Not applicable.	N/A
3.6	Stormwater Management and Drainage	The proposed development incorporates Water Sensitive Urban Design (WSUD) principles that seek to minimise and manage the impact of stormwater on site and within the area.  The proposed development appropriately addresses the unique	Yes



		characteristics of the site and will allow for the efficient management of stormwater.	
		A Stormwater Management Plan has been prepared and is attached as part of this application.	
C4 Land N	Management		
4.1	Site Stability and Earthworks	This application seeks Council consent for the excavation of the site as per the attached plans.	Yes
		It is considered that the proposed excavation, will have minimal adverse environmental or amenity impact.	
		The proposal results in an appropriate outcome when considering the nature of the development, the unique characteristics of the site and compliance with relevant Council controls.	
		The proposed excavation is consistent with the current and future use of the land and will develop the site into context with its surrounds and in accordance with Councils current and proposed planning strategies.	
		It is considered unlikely due to the location of the site as well as previous development that excavation will lead to the disturbance of relics.	
4.3	Erosion and Sedimentation	This application seeks Council consent for the excavation of the site as per the attached plans.  The proposal results in an appropriate outcome when considering the nature of the development, the unique characteristics of the site and compliance with relevant Council controls.  An Erosion and Sediment Control Plan is attached as part of this application.	Yes
4.4	Contaminated Lands	The land is not known to have been used for any purposes that may give rise to the likelihood of contamination.	N/A



		If any contaminated material or suspected material is unearthed during the construction process, then actions consistent with the legislative requirements and guideline documents will be undertaken.	
4.5	Salinity	Due to the nature and location of the site it is not likely to be affected by Saline Soils. Not applicable.	N/A
C5 Waste	Management		
		A Waste Management Plan is attached as part of this application.  Notwithstanding this it is noted that waste is to be appropriately managed during the construction stages of the development.  A communal bin area is located within the ground floor level.  A chute system is provided with waste area provided in every habitable level that allow the disposal of waste for both buildings. There is also a bulk waste storage room at the ground level.  A loading bay has been designed to permit a truck to enter and exit the site in a forward direction.	Yes
		Refer to attached architectural plans for detail.	
C6 Landso	cape Design		
		A landscape concept plan accompanies this development application.	Yes
		The concept plan details the landscape embellishment works proposed and these works will substantially improve the streetscape presentation of the site as well as softening the proposed built form.	
C7 Culture	e and Heritage		



7.1	European Heritage	The site is not identified as a heritage item, it is not located within a heritage conservation area.  As such, no future heritage studies is deemed necessary.	N/A
7.3	Significant Trees and Gardens	The subject site does not contain any trees or gardens that is considered to be of cultural, historical, scientific or aesthetic significance. Not relevant.	N/A
C10 Transp	ort, Access and Parking		
10.2	Traffic Management and Safety	It is considered that the vehicular access and exit points to the proposed building are clearly defined and provide for the safe and efficient movement of vehicular traffic on site and for entering and exiting the site.	Yes
		The proposed parking area and ancillary driveways will not contribute to the creation of traffic hazards.	
		The proposal provides for the safe and efficient movement of pedestrian and vehicular traffic within the site and both entering and exiting the site. Vehicle and pedestrian routes are clearly indicated and accessible.	
10.3	Key Transport Corridors	The subject site is not located with a key transport corridor. Not relevant.	N/A
10.5	Parking, Access and Driveways	A discussion against the car parking requirements by the Traffic Impact Assessment prepared by Varga Traffic Planning Pty Ltd is provided below demonstrating compliance.	Yes
		The Penrith DCP 2010 Parking Requirements would result in the parking provision of:	
		<ul> <li>Residential apartments (272 units): 315 spaces</li> <li>Visitors: 56 spaces</li> <li>Serviced apartments (80 keys): 53 spaces</li> <li>Commercial suites (1,373m²): 8 spaces*</li> </ul>	



- Retail shops (727m²): 15 spaces\*
- Car wash bay: 4 spaces
- Service bay: 8 spacesTOTAL: 304 spaces
- \* 60% of total requirement.

Notwithstanding, the subject site is also located within 800 metres of a railway station in the Sydney metropolitan area, and therefore the residential component of the development is also subject to the parking requirements specified in the State Environmental Planning Policy No 65 – Design Quality of Residential Flat Development (Amendment No 3), 2015 in the following terms:

- 30 Standards that cannot be used to refuse development consent or modification of development consent
- (1) If an application for the modification of a development consent or a development application for the carrying out of development to which this Policy applies satisfies the following design criteria, the consent authority must not refuse the application because of those matters:

if the car parking for the building will be equal to, or greater than, the recommended minimum amount of car parking specified in Part 3J of the Apartment Design Guide.

Reference is therefore made to the Apartment Design Guide 2015, Section 3J – Bicycle and Car Parking document which nominates the following car parking requirements:

Objective 3J-1: Car parking is provided based on proximity to public transport in metropolitan Sydney and centres in regional areas.

For development in the following locations:

On sites that are within 800 metres of a railway station or



light rail stop in the Sydney metropolitan area; or

- On land zoned, and sites within 400 metres of land zoned, B3 Commercial Core, B4 Mixed Use or equivalent in a nominated regional centre

The minimum car parking requirements for residents and visitors is set out in the Guide to Traffic Generating Developments, or the car parking requirement prescribed by the relevant council, whichever is less.

The car parking needs for a development must be provided off street. Comparison therefore needs to be drawn between the off-street car parking requirements for residential flat buildings outlined in the Penrith DCP 2010 and also the RMS Guidelines to determine the lesser requirement. The relevant car parking rates outlined in the RMS Guidelines are reproduced below:

RMS Guidelines - High Density Residential Flat Buildings in Metropolitan Regional (CBD) Centres

- 0.4 spaces per 1-bedroom unit
- 0.7 spaces per 2-bedroom unit
- 1.2 spaces per 3-bedroom unit
- 1 space per 7 units for visitor parking

Accordingly, the minimum off-street car parking requirement applicable to the residential component of the development is 223 spaces, comprising 183 residential spaces and 40 visitor spaces.

The proposed development makes provision for a total of 338 off-street car parking spaces as detailed further in the Traffic and Parking Assessment provided with this submission.

It is therefore concluded that the proposed development will not have any unacceptable parking or loading implications.



### Additional controls 10.5 (2) for developments within commercial core and mixed use zones

a) On-site parking is to be The proposed parking arrangement is provided for below:

located service lane with appropriate the Jury. screening (refer to Figure C10.7 and C10.8).

accommodated in basement provided within a mezzanine and parking except to the extent podium parking arrangement due to above ground unique site constraints including flood due to unique impact which result in the preferred i) Up to 25% of the required parking arrangement above ground. All characteristics. parking can be provided parking is effectively screened from the above ground, where: it is public view with a combination of façade sleeving with active uses and façade at least 16 metres behind a treatments. Noting the proposal is also building alignment that the winner of a design excellence addresses a public street or competition where the screening of the public space and/or fronting a podium parking has been supported by

Parking is provided site

Floor Space Ratio.

ii) Any additional parking This provision with the DCP is in direct provided above ground will conflict with the definition of gross floor count towards gross floor area area as discussed with regard to Clause for the purposes of calculating 4.5 of the Penrith LEP 2010 as such the DCP control is not valid.

NA

11.1.2 Objectives of this Section The proposal has been designed in accordance with key objectives within Penrith LEP, as the proposal will result in revitalising Penrith City Centre by proposing an attractive mixed-use high rise development within the city centre with a mix of land uses including residential and non-residential (commercial & retail).

Yes

High Street Mixed Use

The general objectives of this Section are:

> a) To facilitate the The proposal seeks to assist with the of revitalisation of the city centre by revitalisation Penrith City Centre delivering a redevelopment on land that

Yes

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	redevelopment and	is currently vacant. The proposal is for high density mixed use development that is accessible to the existing CBD and all the associated places of employment, education services and retail as well as business services.	
b)	quality urban design and environmental sustainability in the planning,	The proposal encourages a diversity of uses locating in the centre to further activate the street, while the residential development aligning the southern edge of the street will engage pedestrian activities into the city centre.	Yes
c)	use, commercial and residential development within the Town Centre which provides high	The proposal has achieved design excellence and proven that a high level of amenity is achieved for the future occupants. The high level of amenity is achieved through compliance with the ADG and the provision of internal communal facilities such as the yoga room to deliver a superior standard of residential amenity.	Yes
d)	To provide high levels of accessibility within the City Centre, connecting significant activity nodes, public open space and surrounding residential areas;	The proposal meets and exceeds all relevant accessibility standards.	Yes
e)	To encourage development within Penrith City Centre that gives primacy to the public domain and creates an attractive and vibrant centre;	The public domain areas and activation of this space has been achieved through fine grain urban design and the delivery of a variety of retail units at the ground floor. The through site link proposed at the eastern side boundary will enhance the permeability of the site and surrounds benefiting the wider Penrith community.	Yes
f)	To encourage integration of the residential and non-residential land uses and improved access to transport facilities;	The proposal delivers ground floor retail and commercial space also on the podium levels within the building. Provision of commercial space seeks to provide for employment in a location that is highly accessible to existing transport infrastructure.	Yes
			163



g) To achieve City Centre; and

an The proposal adopts energy efficiency attractive and practices in accordance with BASIX and sustainable Penrith will reduce on site water use and electricity consumption. development also assists the city with the creation of a truly 30 minute city by locating high density development is a CBD location as aligned with the Metropolis of Three Cities and the Western City District Plan

Yes

h) To ensure that section.

development in the The proposal is consistent with the Penrith City Centre is emerging character within this precinct. consistent with the The development is commensurate with desired future the adjoining TOGA development that character of each has recently been approved by the precinct as described Planning Panel as well as other more in the following contemporary CBD developments.

11.2.2 and Street Setbacks

Building to Street Alignment 1) The proposal has been designed in accordance with the front setback specified in Figure E11.3. As such, the proposal has been built to the street alignment.

Yes

2) The proposed balconies do not project into front building setbacks.

N/A

3) It is evident the proposal does not project into front building lines and setbacks for sun shading devices, entry awnings and cornices.

Yes

4) Notwithstanding the setback controls, where development must be built to the street alignment (as identified in Figure E11.3) it must also be built to the side boundaries (0m setback) where fronting the street. The minimum height of development built of the side boundary has been designed to comply with the minimum street frontage height requirement.

Yes

5) The proposed building demonstrates that views to the Blue Mountains escarpment are maintained through the provision of perspectives.

Yes

11.2.3 Street Frontage Heights 1) The proposal has been designed to generally comply with the relevant street Yes

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frontage heights as shown in Figure E11.4 and illustrated in Figures E11.5. The proposal does exceed the 24m maximum street front control at the north western corner of the site however, this responding to the advice from the Design Integrity Panel and the vision for this site which preferred a large single tower with the bolder podium fronting the western part of the site. Refer to the Design Integrity Panel notes for further details.

Yes

2) The proposal demonstrates that it does not adversely overshadow the adjoining public places including Allen Place, Memory Park and Judges Park.

11.2.4 Building Depth and Bulk

1) The proposal provides a floorplate size which is larger than 750m² however, the design competition winning scheme has been carefully created so that it provides an angular turn in the floorplate which effectively visually creates a high degree of building articulation.

Variation

Essentially, the DCP control relating to maximum floorplate is seeking to achieve a high level of amenity for the future residents. As can be clearly seen in the Design Verification Statement, the levels of solar access and cross ventilation are far superior to what is standard ADG requirements and as such the proposal can be supported.

2) The proposed building is above 24m in height and has been designed to appear as 2 wings of a building which is broken in the centre by the foyer space

Variation

Effectively the angled wings of the building ensure the overall built form will not appear to have a building length in excess of 50m.

and pockets of common area.

3) The proposed commercial components are not more than 10m from a source of daylight (e.g. window, atria, or light wells) in buildings less than 24m in height, and no more than 12.5m from

Yes

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		a window in buildings over 24m in height.	Yes
		4) The proposal has used courtyards to improve internal building amenity and achieve cross ventilation and/or stack effect ventilation.	
11.2.5	Boundary Setbacks and Building Separation	1) The minimum building setbacks from the side and rear property boundaries are specified in Table E11.2 and illustrated in figures E11.14 to E11.16.	Yes
		The proposal complies with setbacks and building separation as outlined in the ADG.	Yes
		2) Notwithstanding the setback controls, where development must be built to the street alignment (as identified in figure E11.3) it must also be built to the side boundaries (0m setback) in the vicinity of the street.	Yes
		3) The proposal complies with key setback requirements in accordance with Penrith DCP. Noting the proposal has been awarded design excellence and the setbacks are provided to meet the vision established through the Design Integrity Panel process.	Yes
		4) The proposal is not for an existing building. As such, this control is considered irrelevant to the proposal.	N/A
11.2.6	Mixed Use Buildings	1) The proposal has provided flexible building layouts which allow greater adaptability of the floor area of, or tenancies on, the first floor of a building above the ground floor.	Yes
		2) The proposal provides the minimum floor to ceiling height of 4.8m at the ground floor in order to provide for flexibility of future use. Moreover, the above ground level, minimum floor to ceiling heights are 3.1-3.7m for commercial office and 3.1m for residential.	Yes
		3) It is evident the building has separate service provisions such as loading	Yes



docks, from residential access, servicing needs and primary outlook for commercial and residential activities.  4) The proposal has an entry point for the residential component from High Street and from the new pedestrian pathway which can be accessed from Union Lane and High Street, Moreover, separate entry points are provided for the commercial and residential components.  5) The proposal has provided security access controls to all entrances into private areas, including car parks and internal courtyards.  6) A new pedestrian path as been implemented in the proposal which can be accessed via High Street, As such, active uses have been implemented to have an active façade.  7) The proposal fronts High Street, As such, active uses have been implemented to have an active façade.  8) No blank walls are provided on the ground floor.  11.2.7 Site Cover and Deep Soil There is 410m² of deep soil provided where there is 330m² required. 16.1% is achieved. The ADG requires the provision of 7% deep soil and more than double this amount is provided. A high level of amenity is achieved. The ADG requires the provision of 7% deep soil and more than double this amount is provided. A high level of amenity is achieved. The ADG requires the provision of 7% deep soil and more than double this amount is provided. A high level of amenity is achieved. The ADG requires the provision of 75% deep soil and more than double this amount is provided. A high level of amenity is achieved. The ADG requires the provision of 75% deep soil and more than double this amount is provided. A high level of amenity is achieved. The ADG requires the provision of 75% deep soil and more than double this amount is provided. A high level of amenity is achieved.				
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incorporated planting into accessible outdoor spaces.  Moreover, the site is predominately clear	11.2.8	Landscape Design	water reducing irrigation measures are implemented including WSDU, drip irrigation systems with automatic timers, redirection of stormwater runoff to lawn/garden beds and native species incorporated throughout the	Yes
			incorporated planting into accessible	



		vegetation will not maintained throughout the site and unpracticable.  A landscape concept plan accompanies this development application. The concept plan details the landscape embellishment works proposed will substantially improve the streetscape presentation of the site as well as softening the proposed built form.  It is highlighted that no significant vegetation is to be impacted as part of the proposal. Landscaping of the site is to be undertaken in accordance with the attached Landscape Plan.	
		Refer to attached Landscape Plan for detail.	
11.2.9	Planting on Structures	The proposal has been designed to implement water reducing irrigation methods to be used in areas with planting on structures.	Yes
		The development has provided optimum planting by providing soil depth, soil volume and soil area appropriate to the size of the plants, appropriate irrigation and drainage methods.	
		A landscape concept plan accompanies this development application. The concept plan details the landscape embellishment works proposed will substantially improve the streetscape presentation of the site as well as softening the proposed built form.	
11.3 Pedes	strian Amenity		
11.3 .1	Permeability	It can be seen the subject proposal is consistent with the key objectives and controls noting the implementation of a pedestrian link will result in encouragement for local residents of the community to get involved in the active street front.	Yes
		The proposed pedestrian link has been designed in accordance with Figure E11.18.	



		It is evident the proposal has used key documentation which apply to the city centre including The Penrith City Centre Public Domain Masterplan referred to for further design details and to visualise Penrith City councils' vision.	
11.3.2	Active Street Frontages and Address	The proposed use development positively contributes to the public domain by proposing an active street frontage which includes a cafe and 4 retail suites with access granted via a new pedestrian link which can be accessed via High street and Union Lane.	Yes
		As such, it can be seen the subject proposal addresses its frontage by providing and active frontage which includes a diverse range of activities and uses.	
11.3.3	Awnings	The proposal has provided appropriate awnings in accordance with Figure E11.19 and with the minimum awning dimensions prescribed within Penrith DCP.	Yes
11.3.4	Vehicle Footpath Crossings	The proposal has provided appropriate vehicle access noting access is granted via Union Lane.  The Penrith City Centre Public Domain Masterplan has been referred to for further design details.	Yes
11.3.5	Pedestrian Overpasses and Underpasses	The proposal provides for the safe and efficient movement of pedestrians with the development being consistent with the key objectives and controls noting the proposal promotes pedestrian activation and circulation at grade.	Yes
11.3.6	Building Exteriors	The development provides high quality finishes that exhibit design excellence.  The proposal will incorporate appropriate finishes that will positively contribute to public domain areas and visual appreciation of the development, noting the use of facade and design to	Yes



		provide an attractive building into Penrith Town Centre. See plans for detail.	
		The proposal incorporates physical articulation of the built form and a mixed palette of building materials and finishes.	
		Materials and finishes used are consistent with that existing in the area while being contemporary in character. The range of materials significantly contributes to the articulation of the building and reducing the overall bulk and mass of the building.	
		The proposed building and subsequent facades do not result in undue glare that will negatively impact upon the safety of pedestrians and drivers.	
11.4 Acces	s, Parking and Servicing		
11.4.1	Pedestrian Access and Mobility	The main building entry points are visible from both High Street and Union Lane as per the design excellence winning scheme.	Yes
11.4.2	On-Site Parking Options	The key parking requirements outlined in the Transport, Access and Parking Section of this DCP  The proposal has provided above ground parking and is consistent with Figure E11.23: which is demonstrated below  - Above ground parking may be located adjacent to a lane, as illustrated above, with appropriate screening to reduce the impact on the public domain.  As such, the proposal is consistent with the vision prescribed within Penrith DCP and Penrith City centre.	Yes
11.4.3	Site Facilities and Services	The proposal provides mailboxes, communication facilities/networks, service infrastructure, air conditioning units, service vents and other associated. Structures and Loading/Unloading Areas in accordance with Penrith DCP.	Yes



	ainable Development		
11.5.1	Reflectivity	The proposed building and facades do not have glare that results in discomfort or threatens safety of pedestrians or drivers.	Yes
11.5.2	Maximising Liveability and Longevity	The proposal has been designed to maximise Liveability and Longevity through Environmental building Design with example elements from Penrith DCP including:  - Adaptability of buildings and floor levels within buildings to accommodate a range of uses over time;  - Occupant comfort and amenity;  - Fulfilling the Ecospecifier's Assessment criteria; and  - Incorporation of safety and crime prevention measures in the design of buildings and public domain as well as the siting of activities in the building.	Yes
1.5.3	Reduce Resource Consumption	The proposal has been designed to reduce resource consumption through limiting high environmental/high impact materials.	Yes
11.6 Cont	trols for Residential Developme	nt	
11.6.1	Housing Choice and Mix	A diversity of apartments is proposed as follows:  - 1 bedroom: 103 units – 37% - 2 bedroom: 143 units – 51% - 3 bedroom: 35 units – 13%  The proposed unit mix will offer a variety of housing choice.  The proposal is designed with a mix of units to provide a variety of housing choices that responds to market demand, noting that the bedroom numbers and size of units are varied that	Yes



different pricing points for the alternative sizes which will contribute affordability.

### 11.7.1 Precinct controls

The site is located within Precinct 1.

Development of the site must adhere to the following design principles:

pattern of land ownership.

1) Rationalise the existing The proposal seeks to rationalise the existing pattern of land ownership through the development of an entire key site.

Yes

Yes

2) DCP stipulates to provide is evident that the proposal TOGA development. has implemented a new pedestrian link between High Street and Union Lane to activate the 'eat street' precinct.

north-south connectivity and The proposal aligns with the creation of active 'eat street' adjoining the the north-south connection and aligns Civic and Cultural Precinct. It with the already approved adjoining

Yes

3) The proposal has been Activation of High Street is to be domain interface with existing through delivery public streets.

designed to provide a high delivered by the fine grain built form quality and activity public response to this street frontage and of commercial/retail uses to complement the surrounding land uses.

The Development of the site should provide the following outcomes:

Yes

1) Streets and pedestrian connections a)-d)

It is evident that the proposal has implemented a new pedestrian link between High Street and Union Lane to activate the 'eat street' precinct along with the New Road which adjoins the TOGA development site.

2) Land ownership:

Yes

a) Consolidation of existing land

land ownership patterns to The proposal seeks to rationalise the allow orderly development of existing pattern of land ownership through the development of an entire key site.

Yes

3) Public domain interface. a) Active frontage/land uses



Street. 4) Built form

along the new street and High Th proposal provides an active frontage through providing various land uses

along High Street.

Yes

a) Building built to the street

alignment of the new street

The proposal will be built to the street

alignment.

### CONCLUSION

Following a review of the relevant planning controls, it is concluded that the proposed development is consistent with the objectives, planning strategies and detailed controls of these planning documents.

Consideration has been given to the potential environmental and amenity impacts that are relevant to the proposed development and this report addresses these impacts.

Having regard to the benefits of the proposal and considering the absence of adverse environmental, social or economic impacts, and that the proposal represents an appropriate use of well-located land, the application is submitted to Council for assessment. Think Planners Pty Ltd recommends the approval of the application, subject to necessary, relevant and appropriate conditions of consent.

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# ATTACHMENT A - CI OFFER AND SECTION 7.11 REPORT

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