

DORAN DRIVE PRECINCT SHOWGROUND

RESPONSE TO STATE DESIGN REVIEW PANEL - MEETING 3

DEICORP PROJECTS (SHOWGROUND) PTY LTD



Mandala Parade Entry

Third State Design Review Panel session was held on 10th November 2021 for Doran Drive Precinct Development Application.

The following items were supported:

- Efforts to create more variety in the four tower elevations.
- Engagement of indigenous public artists and intentions to bring Country led thinking into the project.
- Adjustments to the building envelope and resulting increase of solar access to the communal open space above the podium.
- Improvements to the permeability of the ground floor plane and through site link.
- Proposal to integrate landscaping with the façade



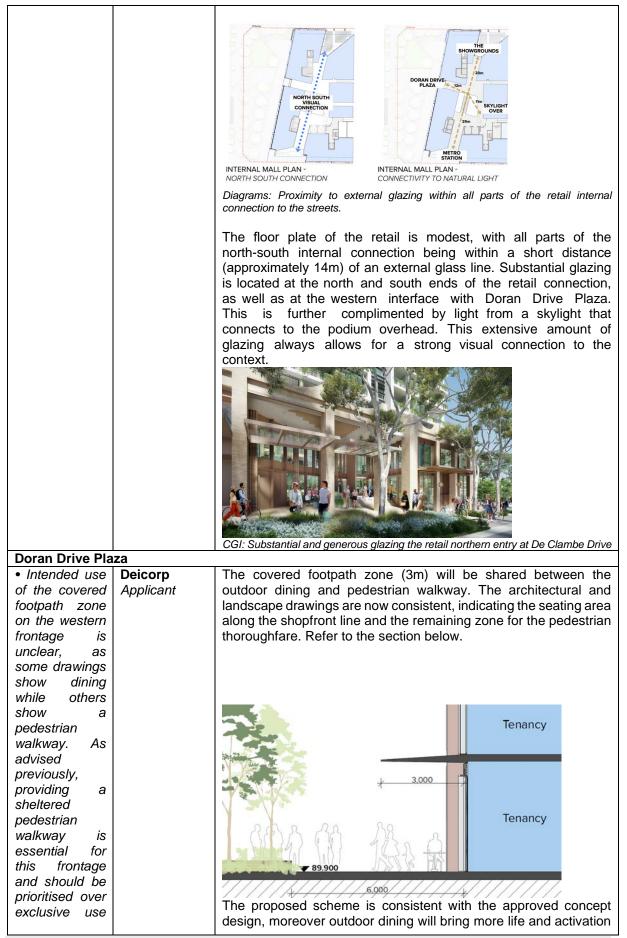
De Clambe Drive Entry

Please find below a summary of detailed response prepared by the project team to address the items raised in the letter dated 19th November 2021 by State Design Review Panel. State Design Review Panel meeting was held on 10th November 2021.

SDRP	Consultant	Response
Comment		•
1. MASTERPL	AN/ PUBLIC SPA	VCE
Amenity And A	ctivation	
There are still concerns in relation to the amenity and activation of open spaces. In particular please note the following:	Urbis Mark Kuhne Director / Registered Landscape Architect #1226 (AILA)	A large package of professional CGI renders has been commissioned for the SDRP 4 presentation. These CGIs cover all parts of the public domain, podium/street interface, the residential garden podiums and towers overhead. The CGIs illustrate the high quality and character of the proposed spaces. They illustrate the scale of the spaces, the activation and programs, materiality and planting. Doran Drive Plaza
• 3D visualizations are required to illustrate the quality and character of		Doran Drive Plaza is intended to be a high quality, flexible urban open space that functions both as a permeable connection between the Metro station, buses, retail and the Castle Hill Showground, as well as providing an activated and comfortable space for people to use and inhabit day to day.
spaces - showing proportion, materiality, amenity and intended activation of the key public spaces - thru site link, Doran Drive Plaza and the communal open space above the podium.		 The plaza includes: Interpretive feature paving Celebrating First Nations People Songlines along the "creeks" with a series of small and medium scale meeting places and interpretive signages Central open plaza with water feature Amphitheatre and lawn area to the north for informal recreation, markets and events Active retail edges to the east Native shade trees and low-level planting to the southern part of the plaza, incorporating opportunities for public seating, marketplace and gathering Integrated lighting Grade changes to be made up at the edges of the Site to provide minimal grading across the majority of the plaza Opportunities for Public Art and interpretation.
		Communal Open Spaces Level 2 Level 2 communal space provides a large communal podium landscape that encourages community gathering and activities. The planting scheme for this podium landscape is to not just use shade tolerant species that respond to the sun and shade analysis diagrams but also use species from the Shale / Sandstone Transition Forest vegetation community. Proposed amenities include a large play space with feature play items and adjacent seating for parental supervision. Connected to this space is a BBQ pavilion area with BBQ facilities and dining spaces. The feature of the podium landscape is central lawn space with mounding for feature Jacarandas, amphitheatre seating to the edge, providing informal recreation and outdoor cinema space. Throughout the podium there are private garden retreat spaces with seating surrounded by planting. To the north of the podium adjacent to the community room is the community garden to allow

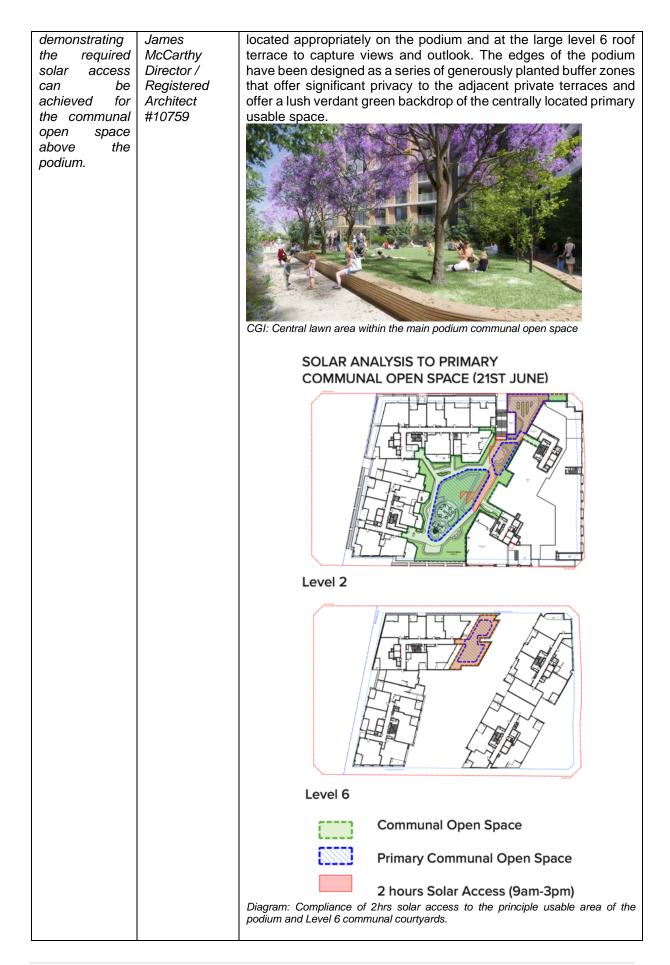
		residents to take ownership of this part of the garden and interact with the community.
		Level 3 Level 3 communal space provides a larger communal rooftop for the residents to enjoy. This courtyard garden consists of a lush buffer to the building edges for privacy in the courtyard and the residents' apartments. This level has introduced the Shale / Sandstone Transition Forest vegetation community. While also providing cascading planting to the western building edge.
		This courtyard provides two designated areas within the courtyard, the northern part is a decomposed gravel gathering space with feature trees in bespoke planters, generous seating benches and moveable furniture for gathering. The southern part of the courtyard is a paved garden with central planters with larger relaxation, lounge seating areas.
		Level 6 & 8 Level 6 & 8 provides rooftop gardens for the residents to enjoy. Both these gardens provide lush landscape planted edges with species from the Sydney Turpentine Ironbark Forest as well as exotic shade loving species. The species have been selected to work with both microclimates to ensure the planting will grow and provide a lush landscape. The larger eastern courtyard provides residents with three flexible places to gather and relax. The northern part of the courtyard provides a paved enclosed gathering space with a central bespoke planter with seating incorporated into the edge planters. The centre of the rooftop provides a central nodal gathering space with flexible and moveable furniture. The southern part of the rooftop is a larger courtyard space that provides seating to the edge planters and a central planter and larger relaxation lounging timber deck. While the western courtyard provides a secluded gathering space for residents to relax and retreat too surrounded by lush planting.
		Level 9 Provides an oasis for the residents; a small pocket of an outdoor space for them to enjoy. This level provides lush native planting to the courtyard edge from the Sydney Turpentine Iron Bark Forest. In addition, we have also introduced exotic shade loving species that will thrive in this location. As this level is also in shade all day, the species selected for this level are chosen to suit the condition. The courtyard also provides a small gathering space with seating benches to the planter edges and larger seating benches for group gatherings. This level also provides a podium edge cascading planters to add to the effect of the building facade.
Wind studies showed suboptimal comfort and safety levels for intended uses in most of the public	RWDI Michael Pieterse Project Delivery Manager Associate	A detailed wind investigation reveals suitable conditions for both pedestrian and sitting amenity at street level and throughout the publicly accessible spaces or outdoor communal spaces. Various mitigation measures including landscaping and architectural features have been implemented in the design to achieve the appropriate wind conditions required for passive (sitting and standing) and active space (strolling and walking) use.
domain. Undertake more detailed wind investigations		Doran Drive Wind conditions are noted in most locations to be suitable for passive use (sitting and standing). Locations to the southeast of the proposed building (22 and 24) experience slightly windier

concurrently		conditions during summers but these are suitable for passive use
with ongoing		for at least 77% (sitting and standing use) of the time every year.
design		
resolution to		
ensure suitable		(i) re CUMINE DR (in the formation of th
conditions for		
both pedestrian		
and sitting		
amenity at		
street level and		
throughout the		
public spaces:		
o All of Doran		
Drive Plaza,		
the entire		
Mandala		
Parade		
frontage and		Configuration 4: Proposed Development with Landscaping and Future Surrounding
most of the		Buildings (Summer Season)
communal		
open space		COMFORT CATEGORIES:
should have		Sitting
appropriate		Standing
conditions for		-
sitting.		Strolling
o Explore		Walking
design		Uncomfortable
•		
elements,		
planting and		Mandala Parade
other methods		Wind conditions in all locations are found to be suitable for passive
to mitigate		use (sitting and standing) with the inclusion of proposed and
unacceptable		existing landscaping.
wind impact.		
		In general, on ground level, a mix of sitting and standing use is
		noted during the summers, becoming even calmer during the
		winters. Wind conditions are noted to be equivalent to or better
		than the existing site conditions.
		5
		Communal Spaces
	1	
		All communal spaces on upper levels are suitable for passive use
Thru Site Link		
Thru Site Link	Turner	All communal spaces on upper levels are suitable for passive use (mostly sitting with some standing conditions).
Incorporate	Turner	All communal spaces on upper levels are suitable for passive use (mostly sitting with some standing conditions). The north-south internal connection has been designed to provide
 Incorporate strategies to 	James	All communal spaces on upper levels are suitable for passive use (mostly sitting with some standing conditions). The north-south internal connection has been designed to provide a clear sightline from Mandala Parade to De Clambe Drive. The
 Incorporate strategies to draw more 	James McCarthy	All communal spaces on upper levels are suitable for passive use (mostly sitting with some standing conditions). The north-south internal connection has been designed to provide a clear sightline from Mandala Parade to De Clambe Drive. The escalators and large central void are placed along this desired line
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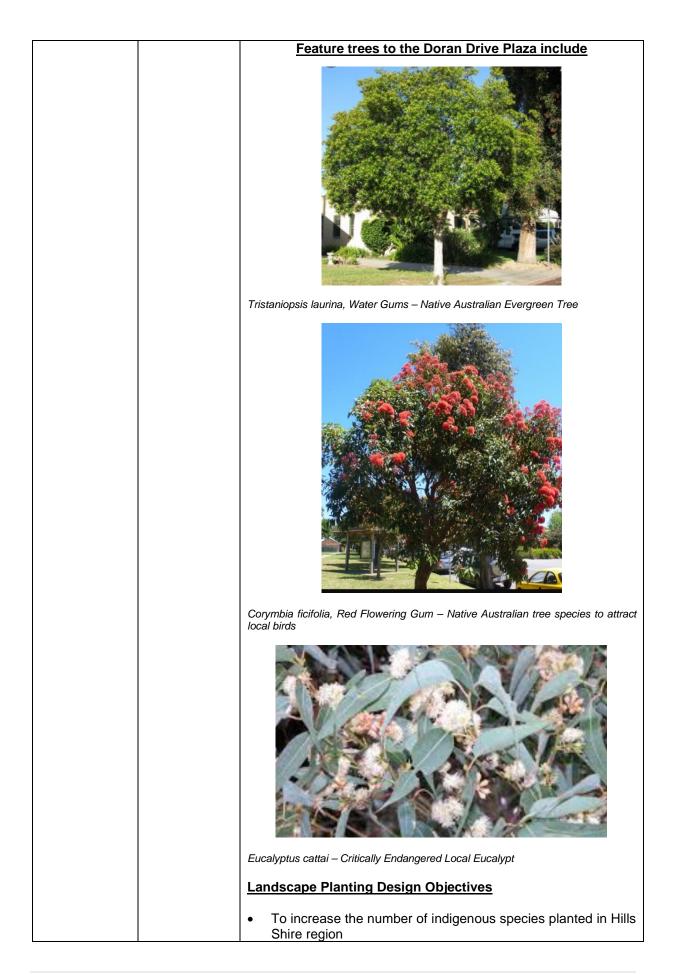


Deicorp Projects (Showground) Pty Ltd | Doran Drive Precinct - Showground Response to SDRP 3 Comments | March 2022

for a fill	I	in the Deven Drive Diane and an Unit 101
for outdoor dinina.		in the Doran Drive Plaza rather than if this zone was provisioned exclusive for pedestrian thoroughfare only.
dining. T J M L F A	Furner James McCarthy Director / Registered Architect ‡10759	exclusive for pedestrian thoroughfare only. The external tenancy seating along the eastern edge of Doran Plaza is located against the glass line of the tenancies where there is a seamless and level connection between inside and outside. The seating sits below the 3m deep continuous awnings so that it has solar and wind protection appropriate for extended periods of seating.
		CGI: Direct seamless connection between tenancies and outdoor seating at Doran Drive Plaza. Generous tree canopy coverage is provided to the external walkway. The adjacent walkway beyond the tenancy external seating area is minimum 3m wide, and is in a straight, direct and unobstructed route. This walkway is extensively shaded by the generous tree canopy coverage. Refer also to the wind report which notes quality and appropriate comfort levels within both the tenancy seating area and the adjacent walkway.
		The future success of Doran Drive Plaza will in part be achieved by having a series of quality popular tenancies along the eastern edge of the plaza. These tenancies need to be logically planned, offer well considered seating that has high comfort levels, and offer a seamless, direct, and level connection between the tenancies and the plaza. This allows the tenancies to flourish for longer during the day and across the whole year, therefore providing passive surveillance and a destinational dining precinct that is vital to the fabric of a vibrant active town centre.
		CG1: Direct seamless connection between tenancies and outdoor seating.
De allarra Oc		
Podium Commun		
• Provide solar	Furner	Minimum 2 hours solar access is achieved to 50% of the primary



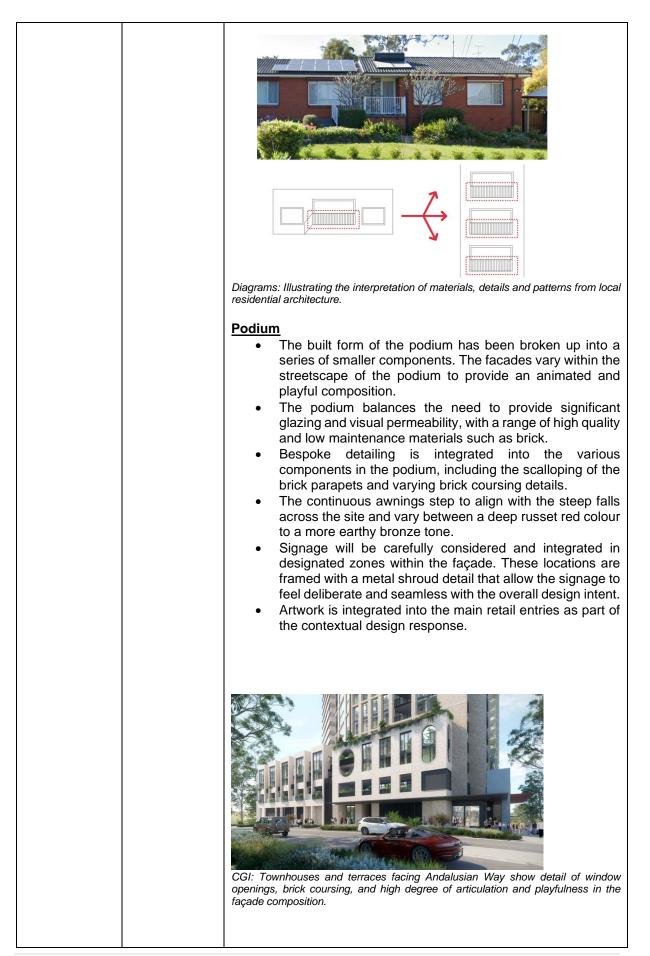
Urbis Mark Kuhne Director / Registered Landscape	Doran Drive Plaza forms a key piece of open space between the Metro Station and the Castle Hill Showground. The 1,400m2 plaza space is bounded by Doran Drive to the west, De Clambe Drive to the north, Mandala Parade to the south and built form to the east.
Architect #1226 (AILA)	The Plaza is intended to be a high quality, flexible urban open space that functions both as a permeable connection between the station, buses, retail and the Castle Hill Showground, as well as providing an activated and comfortable space for people to use and inhabit day to day.
	3D view illustrates the intended activities, planting, materiality and seatingRefer to item 1 response for further illustration on all proposed
	landscaping spaces including Doran Drive Plaza and communal open spaces.
	SITE WIDE PLANTING STRATEGY
	The site wide plant strategy has been inspired by the adjacent Fred Caterson Reserve and bushland types and communities.
	Stylised cross section of Fred Caterson ReserveBodplain sediment and solSydney Sandstone Transition ForestSydney Sandstone Ridgetop WoodlandSydney Sandstone Ridgetop WoodlandSydney Sandstone Gully ForestSindstoneField 4CreekCreekCreekField 4CreekCreekField 4CreekCreekField 4CreekField 4CreekCreekField 4CreekCreekField 4CreekCreekCreekField 4CreekCreekCreekCreekState StateCreek
	Mark Kuhne Director / Registered Landscape Architect

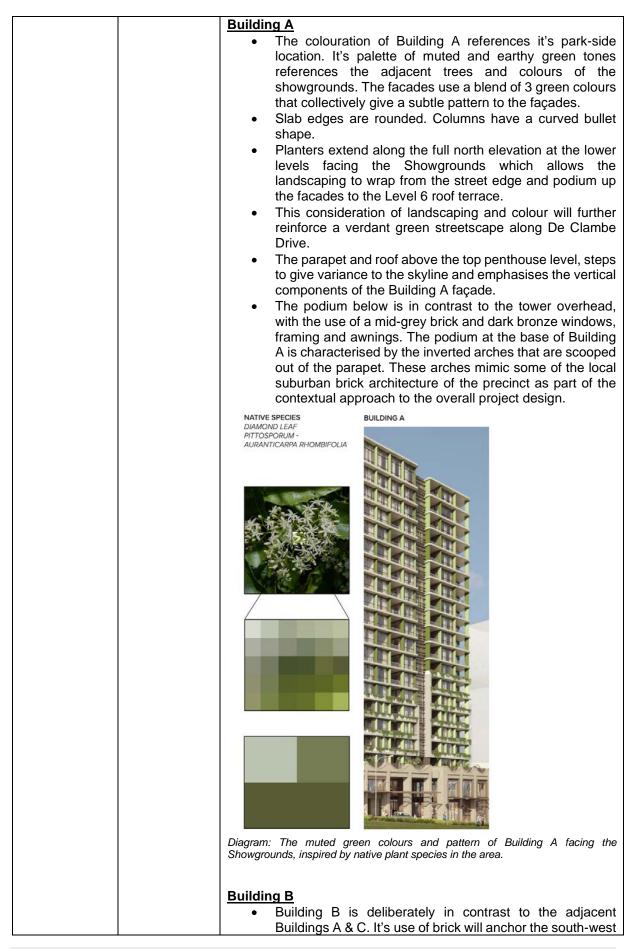


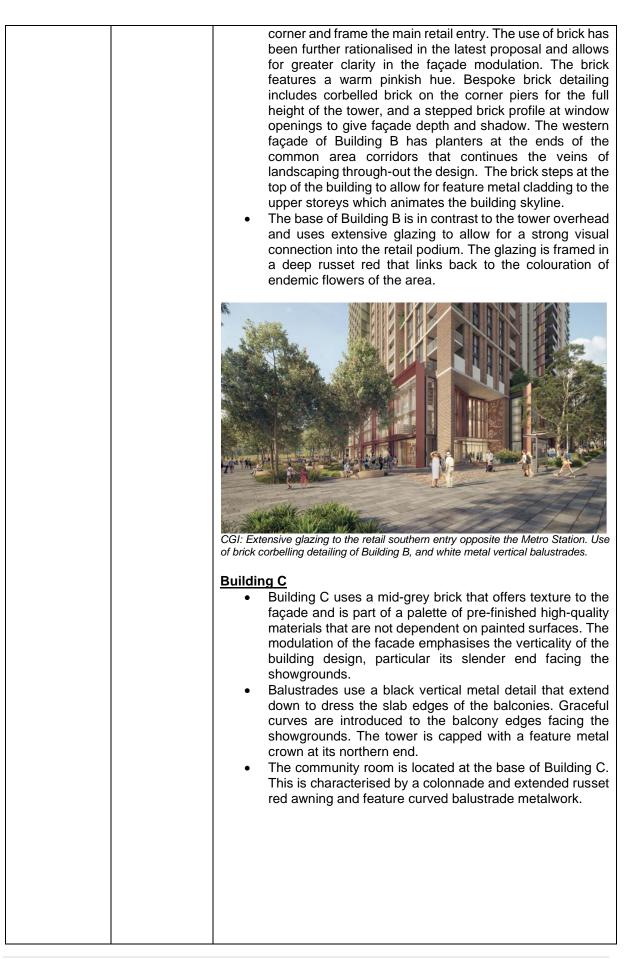
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		 To eliminate the use of noxious weeds of potentially invasive species in the development To use plants in such a way to foster energy efficient development that relies on passive energy principles for heating and cooling To reduce maintenance and water consumption through appropriate species selection To create buffer zones and add to existing areas of remnant vegetation with locally indigenous species including supplementary River-Flat Eucalypt Forest on Coastal Floodplains planting. The Landscape planting for the site will have a minimum of 75% of indigenous / water sensitive planting species. The plant palettes developed for the site reinforces the environmental theme, that the planting palette is drawn from existing local vegetation communities. In general, street trees should respond to the street hierarchy and Council's street tree list. The following list outlines the signature planting for the site and has been established with reference to: Hills shire DCP 2012: Section C3- Landscape Office of Environment and Heritage: River-flat Eucalypt Forest on Coastal Floodplain - species list The bushland of Fred Caterson Reserve - Bushland Reserves - vegetation communities plant list The ground level Doran Drive Plaza is proposed to integrate the Sydney Sandstone Gully Forest and Sydney Sandstone Ridge Top Woodland. Level 8 and Level 9 is proposed to integrate the Sydney Turpentine Ironbark Forest.
2. ARCHITEC		
There is very little transitional scale for the buildings to sit appropriately within the lower scale of the Shire's suburban context. The articulation between the podium and towers is minimal and the individual towers are reading as one with limited visibility of sky between them.		There has been further development of the architecture to provide greater articulation and modulation of the tower elements and a clearer differentiation of the podium. This further design development improves the human scale of the project from the immediate public domain and reduces the apparent bulk and scale of the development from further afield. The further design development has resulted in a high standard of architectural design, materials and detailing that is appropriate to the building type and location. In this regard it is important to note that the Doran Drive Precinct is adjacent to the Hills Showground Metro Station and is the focal point of an urban renewal area that extends 600m south along Showground Road. The bulk and scale of the Doran Drive Precinct will be moderated with the development of Precincts East and West as illustrated in Figure 1 below, as well as the extensive redevelopment of the low scale suburban housing on the southern side of Carrington Road. It is worth noting that this redevelopment is well underway approximately 250m to the south of the site (see Figure 2).

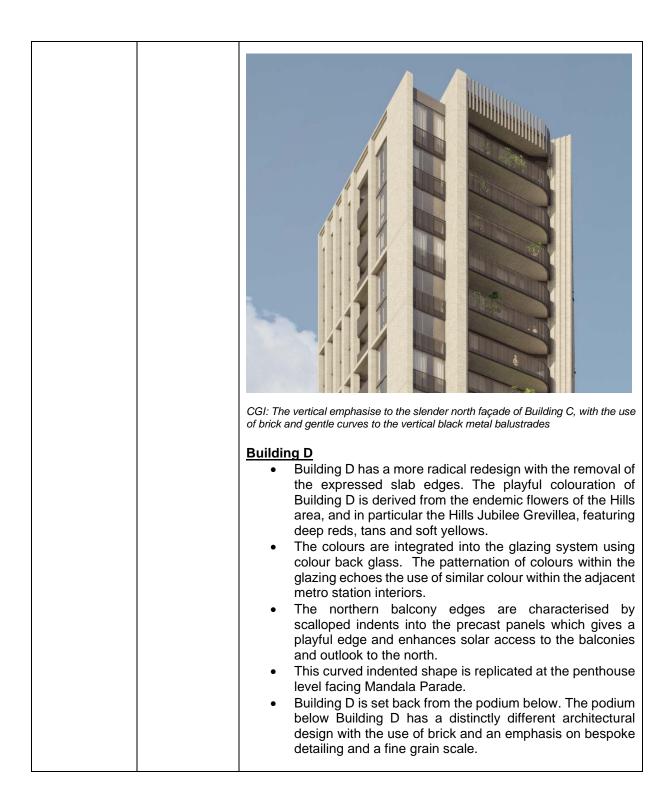
The following methods for reducing the impact of the built form should be considered.		Fgure 2 - Aerial view of the site and surrounds from February 2022.
 Reduce the bulk and scale of the development through the following strategies: Stepped forms or other transitions in the envelope articulation. Improved visible separation of the towers. Clearer differentiation between the podium and towers. Reduced bulk, scale and/or height of the built forms. 	Turner James McCarthy Director / Registered Architect #10759	Redevelopment sites denoted with yellow stars. Site identified with yellow dashed line. The proposal is part of the Hills Showground Station Precinct where height transitions and stepping of buildings has been considered within the approved Concept Plan. The Doran Drive precinct is 20 storeys, along with Precinct West which is also 20 storeys and stepping down to 16 storeys at the Precinct East. This then steps down to 12 storeys on the other side of Carrington Road, and then down to 8 storeys beyond to the south. This urban design rationale will allow for a comfortable series of datums within the streetscape. The future context will therefore be a denser and more vibrant urban precinct that focuses around the public transport infrastructure of the Metro station. Within the Doran Drive Precinct, all buildings sit fully within the approved concept plan envelopes. Building separation is compliant with ADG visual privacy requirements. The diverse architectural styles allow each of the towers to be discernible within the overall composition and emphasises the slender proportions of the small tower floorplates. The buildings are highly articulated, with an animated and varying architectural response to the skyline of each building. Significant character diversity and varying scaled elements further adds to the amelioration of bulk and scale.

		There is a significant change in materiality and architectural expression between the podium and the towers overhead.
 Significant enhancement and refinement is required in architectural resolution and design quality in line with the quality and variety shown in the UDG. Provide 3D visualisations demonstrating the following: o A more radical approach and quality in the façade. o Playfulness in form, articulation and/or colour. o Variety in materiality and textures. o Carefully considered, bespoke detailing. 	Turner James McCarthy Director / Registered Architect #10759	The proposal has embraced the comments from the Panel, and the revised scheme has focused on integration of colour, curves, bespoke detailing, playfulness of the architectural design, and variation in materials. The refinement of the facade design has further integrated subtle references back to the suburban character of the adjacent precinct to the south of Carrington Road. While these streetscapes will soon be redeveloped, there is merit in referencing this eclectic mix of residential architectural that is synonymous with the area. The wide single storey brick houses enjoy a playful mix of brick arches, curved window openings, and ornate quirky metallwork and fences. These patterns and details are reinterpreted within the facade composition of the new Doran Drive Precinct, to allow for a historical connection.









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o Innovation, and integrated sustainability initiatives	Arup Jonathan Bills Senior Consultant	endemic plant species such as the 'Hills Jubilee' Grevillea Sustainability initiatives are integrated into the detailed design development through a variety of sustainability framework commitments and credits.
	Sustainability	This includes, but not limited to:
		 [Credit 10] Internal noise levels internal ambient noise levels in are suitable and relevant to the activity type in the room. This includes all sound generated by the building systems and any external noise ingress. [Credit 11] Lighting comfort General Illuminance and Glare Reduction, Surface Illuminance - a combination of lighting and surfaces improve uniformity of lighting to give visual interest in the nominated area.
		 [Credit 12] Visual Comfort Glare Reduction, Daylight – where a percentage of the nominated area receives high levels of daylight (For 40% of the nominated area – 1 point; For 60% of the nominated area – 2 points)
		[Credit 15] Greenhouse Gas Emissions NatHERS, BASIX and NABERS

		 Good solar access, natural light, corner apartment for cross ventilation. Brick and pre-cast concrete provides good thermal mass. Maximise insulation, appropriate shading, low-e glazing, operable windows (maximise natural vent.)
		 [Credit 17] Sustainable Transport Active transport facilities - bicycle parking and associated facilities are provided to regular building occupants and visitors.
		 [Credit 23] Ecological Value the ecological value of the site is improved by the project.
		 [Credit 25] Heat Island Effect where at least 75% of the total project site area comprises building or landscaping elements that reduce the impact of the heat island effect.
		 [Credit 26] Stormwater Strategies that have reduced stormwater peak discharge and pollutant runoff e.g. vegetated swales, rainwater re-use and engineering structures will be used to meet pollution reduction targets.
		 [Credit 27] Light pollution Control of the obtrusive effects of outdoor lighting
		 Apart from that a number of innovative practices are being undertaken in the development. This includes, but not limited to: Project to include onsite renewable energy production (once completed and occupied). 10% minimum EV parking and associated infrastructure
		 A Life Cycle Assessment is planned for the development using the 'Life Cycle Impacts' credit in Green Star to minimise the embodied energy associated with the development Project will ensure that the supply chain does not
The built forms presented showed reduced bulk, floor plates and increased separation of towers in some areas since the last SDRP, however it was advised the overall areas have not been reduced. Provide further information accounting	Turner James McCarthy Director / Registered Architect #10759	 engage in modern slavery practices The revised scheme consists of 430 apartments. The mix of apartment types is aligned with the expectation of the Urban Design Guidelines, including 10% 3-bedroom units. The overall GFA remains compliant with that allowed in the Concept Plan Approval. In order to ensure that all buildings sit fully within the approved building envelopes, buildings have been reconfigured to allow for greater efficiency within the floorplates. Apartments are fully compliant with ADG apartment size requirements and room sizes. 1-bedroom apartments are minimum 50sqm but range up to 58sqm. 2-bedroom apartments are minimum 75sqm but are generally in the range of 80sqm to 88sqm. The large two storey two-bedroom townhouses facing Andalusian Way are over 100sqm. 3-bedroom apartments are minimum 95sqm but range up to 125sqm with generous corner balconies.

how these changes have been accommodated in the development, without reducing apartment sizes.	ation	 Balconies and private open space are compliant with ADG requirements. The AC condenser units on the balconies have a metal cover and this zone for the AC enclosure is over and above the area for usable space and ADG compliance. Apartments are complaint with ADG solar access and natural cross ventilation requirements due to the small number of apartments per floor plate and the number of corner apartments. Apartment plans are highly resolved and allow for logical layouts with clean planning and good outlook and amenity. Large kitchens are provided, including generous island kitchens to most 2-bedroom apartments.
The building		The serves of inteles is been at the worthern and of the
services, particularly the mechanical ventilation and AC, don't appear to have been properly integrated into	Turner James McCarthy Director / Registered Architect #10759	 The car park air intake is located at the northern end of the podium. It is a low structure that is integrated with adjacent raised planters. It is set back from the edge of the podium so that it is not visible from the surrounding streets. Its placement and detail does not have any negative impact on the quality of the facades and streetscape or the usability of the podium communal courtyard. The car park exhaust is located in the southeast corner of the
the design. Please note the following: • Demonstrate		podium. It is integrated into the façade design to be part of the detailed brick façade of the eastern townhouses. The exhaust is sufficiently distanced from adjoining towers to remove any direct view lines, or negative impact.
that carpark and basement exhaust can be accommodated within the		
building envelope		
		CGI: Integration of the mechanical car exhaust into the built form of the townhouses and terraces facing Andalusian Way at the podium south-east corner. Careful placement of signage and brick detailing to mitigate the impact of the riser location.
The balconies are unsuitable for AC condenser units. Alternative strategies are	Turner James McCarthy Director / Registered Architect #10759	 Turner confirms that the apartment balconies are all fully compliant with ADG requirements for private external area. Balconies have a logical configuration with usable outdoor space to allow for appropriate dining and other uses. Balconies have been generally located to avail of Showgrounds and other district views. The areas noted for the balconies are in addition to the zone
required for		required for the AC condenser and associated metal AC cover.

suitable AC condenser unit locations.		 AC condenser units will have a decorative metal cover that will hide the condenser. The cover will colour match the predominant wall colour to the balcony to allow for integration with the architecture Note that most balconies have either a solid spandrel or a metal vertical balustrade. This minimises views from street level up to the balconies and therefore reduces the visibility of items on the balcony. We have avoided using standard clear glass balustrades within the podium levels, on Buildings B & C towers, and the lower levels of Building A.
3. SUSTAINAE	BILITY	
Provide further details of the sustainability strategy, including how Water Sensitive Urban Design is being incorporated in the landscape.	Arup Jonathan Bills Senior Consultant - Sustainability	 The approach to the Water Sensitive Urban Design (WSUD) strategy includes: Hydraulics allowed for calculations of roof drainage (concrete roof) 100-year event and for podium drainage level 20-year ARI Event. Hydraulics allowed for part of the non-trafficable roof areas to discharge to rainwater tank and to reuse system. The Podium will be served by 300mm outlet drains to EnviroPods before draining to the stormwater system or Onsite Stormwater Detention (OSD). Site discharge is attenuated with local OSD infrastructure prior to discharging to public stormwater networks in order to meet capacity limitations and requirements. Site-specific OSD has been proposed in the civil engineering drawings and design models that demonstrates that peak discharge from the post-development site is below or equal to pre-development levels for all relevant design storms. Currently a combination of vegetated swales, rainwater re-use and engineering structures will be used to meet pollution reduction targets. Climate change factors available within DRAINS has been used to model site runoff peaks and is reflected in OSD sizing per the design documentation. Potable water reduction with the use of rainwater tanks to offset irrigation demand.
4. CONNECTIN • Continue consultation with the Traditional	Urbis Mark Kuhne Director / Registered Landscape Architect #1226 (AILA) G WITH COUNT Urbis Mark Kuhne Director / Registered	 Water Sensitive Urban Design is being incorporated in the landscape by including 1. Rain Gardens 2. Low water demand planting (native) 3. Passive irrigation to all garden beds and lawn areas where possible 4. Rainwater water tank used for irrigation and water fountain TY AND LANDSCAPE Aboriginal people who have a connection to The Hill Shire, Aboriginal Elders, Darug leaders, local Aboriginal organisations and knowledge holders of country were approached by Danny Eastwood and Jamie Eastwood, to discuss and provide their
Custodians and demonstrate how this is informing richer and more place	Landscape Architect #1226 (AILA)	valuable input and thoughts towards Aboriginal Cultural Heritage, and aspiration to the development for potential artistic concepts design to be used in artworks and landscaping design for the proposed development at Doran Drive Precinct.
	n Brajaata (Sha	

responsive		The design team and public art curator have been engaging with
design		Danny Eastwood and Jamie Eastwood to facilitate a pathway to
solutions.		integrate Connection with Country into the detailed design of the
• There is a	Danny	development. Across many creative workshops, the themes of
greater	Eastwood &	connection to the Cattai Creek emerged as the key element during
opportunity for	Jamie	the process.
Country to	Eastwood	
influence and	Indigenous	A number of big ideas which have informed the landscape and
be embedded	Public Artists	architectural design response which "will be a strong narrative
into the wider		thread linking the proposal to place, culture and heritage".
project beyond		3 • • • • • • • • • • • • • • • • • • •
the public art		The Public Domain ideas which have been developed in
areas		collaboration with Public Art Curatorial Themes include:
identified. Seek		
opportunities in		Connection to the Cattai Creek.
		Considered nature.
		Bringing water into the Doran Drive Plaza.
priority, and		 Providing a place for both people, birds and animals.
also the		Celebrating First Nations People Songlines along the "creek"
landscaping,		(interpretive paving) through a series of small and medium
façade design,		scale meeting places and interpretive signage.
signage,		• Local materials such as sandstone benches and crushed
materiality,		sandstone to the meeting places on the within the public
interiors and		domain and on the podium are proposed which responds to
retail.		the geology of the place.
Ongoing		• The intention is to incorporate endemic and native plant
collaboration		material across all levels of the development including the
with the		communal open spaces.
indigenous		communal open spaces.
public artists		Further intended creative cultural jam workshop sessions have
(Danny		been planned and engagement of the Aboriginal community
Eastwood and		members who wish to continue to contribute and be consulted to
Jamie		
Eastwood)		cultural Indigenous protocols and authorisation use of Darug
should inform		language in signage prior to finalised artwork at detailed design
the design and		stage.
language as		To success a constainable success on accises 0 in clustics contact of
noted above.		To create a sustainable, green, engaging & inclusive series of
• The		permeable spaces rooted in local identity & story
collaboration		
between		Big ideas
Danny		 Celebrate the Past (re-connection to Darug country)
-		Look into the Future (A contextually specific sustainable design
Eastwood,		response)
Jamie Footwood and		Diversity of Place (An activated inviting place for all)
Eastwood and		
Jennifer Turpin		Vision
is highly		
encouraged.		Place (Celebrate our indigenous and local heritage)
Explore how		• Ensure urban spaces contribute to the value and
this unique		understanding of the place
opportunity can		• Connectivity (Provide green space networks across the pre-
be continued in		cinct and enhance streetscapes by planting alongside footpath
other areas of		locations)
the project e.g.,		• Diversity (Create a flexible public domain with a variety of
WSUD strategy		
as noted		experiences)
above.		Sustainability (Integration of proposed green space within
		urban development and promote urban ecology)
		Rainwater tank used for irrigation and water fountain
		addressing WSUD strategy

• There is significant ongoing concern in relation to the need for the basement parking to fill the full site area. Previous advice in	Gyde Consulting Stephen Kerr Director / Town Planner	The SDRP is referring to the draft UDG, rather than the final Urban Design Guidelines that were amended and endorsed by Planning Secretary in accordance with condition B1 of the concept development approval. Significantly, Figure 32 which deals with parking configuration was replaced with Figure 174 (Carparking Configuration and Access) in the endorsed UDG. Figure 174 explicitly shows basement car parking underneath Doran Drive Plaza (see below) and the proposal is therefore entirely consistent with the UDG.
relation to this is reiterated. In addition to affecting tree growth, there are concerns in relation to sub soil water movement and water table levels. It is noted that the UDG (Fig. 32, p56) specifically requires below ground parking to be within the		Figure 14: Doran Drive Precinct - Carparking Configuration and Access Proposed zones within which parking Proposed zones
building footprint and deep soil to be provided under Doran Drive Plaza (Public Open Space Provision, Guideline 5,		Even so, it is important to recognise that the Doran Drive Precinct is but one sub-precinct with the larger Hills Showground Station Precinct. The Doran Drive Precinct, however, is differentiated from the remainder of the Hills Showground Station Precinct because it is the closest precinct to the Hills Showground Metro Station, and it contains the retail facilities required to ensure the Hills Showground Station Precinct is transit oriented. As noted earlier, it is the focal point of a much larger urban renewal precinct.
p13).		The Design Guidance for Doran Drive Plaza (Page 104 of UDG) shows a predominantly paved landscape with a small area of grass, feature tree planting and large canopy trees planted in the deep soil in the surrounding sidewalks.
		It is worth noting also that Doran Drive Plaza is immediately adjacent to the underground station box for the Hills Showground Station, which presumably has already affected sub-soil water movement.
		Within the context of the larger precinct; the role and function of Doran Drive Plaza; and the significant retail development that must be accommodated in the Doran Drive Precinct, it is appropriate that the basement carparking should be permitted to extend across the full site as required by the endorsed UDG.
• Progress the landscape design to better	Urbis Mark Kuhne Director /	The further design development of plaza and facade has resulted in a high-quality landscape space, materials and detailing that is appropriate to the character of the Garden Shire.
integrate with the public domain and	Registered Landscape	Proposed planting is low maintenance and has been selected on the basis of the sunshade analysis. Material and plants are

architecture and respond to the landscape character of the Garden Shire. Provide strategies for management and maintenance to ensure that the planter boxes and planting in the façade will continue to thrive after completion.	Architect #1226 (AILA)	selected to simplify upkeep of the structure without inconveniencing the future building occupants or management. A maintenance plan and access strategy will be developed prior to OC.
		Green façade maintenance involves pruning, weeding, debris removal, inspection and repair of the structure, and occasional replacement of the plants which has been thoughtfully incorporated at the design stage. Passive irrigation provided to the garden beds where possible.
		Landscaping to facades is focused into key locations that will have maximum impact.
	Turner James McCarthy Director / Registered Architect #10759	All lower and mid-level rooftops are fully landscaped, and these are accessible from common area corridors for easy maintenance. This greening of roofscapes will provide quality outlook from the residential towers overhead and mitigate any urban heat island effect, as part of the sustainability aspirations for this proposal. All rooftop landscaped terraces will have sufficient soil depths for meaningful planting and will be supported by integrated irrigation.
		There are planters located at the ends of the common corridors for the full height of Building B. These are again accessible from common area corridors for easy maintenance and supported by integrated irrigation.
		<image/> <text></text>

