APPENDIX A

State Environmental Planning Policy No. 65 – Design Quality of Residential Apartment Development

The relevant objectives and provisions of State Environmental Planning Policy No. 65 – Design Quality of Residential Apartment Development have been considered in the following assessment table:

No.	Clause	Comment	Yes	No	N/A
Part 3	 Sitting the Development 				
3A	Site Analysis				
3A-1	Site analysis illustrates that design decisions have been based on opportunities and constraints of the site conditions and their relationship to the surrounding context.	As approved, the site analysis plan has been submitted.			
3B	Orientation				
3B-1	Building types and layouts respond to the streetscape and site while optimising solar access within the development.	No changes, as approved.			
3B-2	Overshadowing of	Overall building height of	\boxtimes		
	neighbouring properties is	the development has been			
	minimised during mid-winter.	reduced to minimise impact			
		of the additional storey			
		proposed on Block B.			
3C	Public Domain Interface				-
3C-1	Transition between private and public domain is achieved without compromising safety and security.	No changes, as approved.	\square		
3D	Communal and Public Oper) Space			
3D-1	Communal open space has a minimum area equal to 25% of the site. Required: 933.6m ²	Where 933.6m ² of communal open space area is required, the original application was approved with a non-compliant communal open space area of 770.5m ² (20.6% variation) of the site area. The modification application will provide additional 61.3m ² area for communal open space, which equates to 22.27% of the site area. Non			

No.	Clause	Comment	Yes	No	N/A
		compliance under the proposed development as modified for communal open space provision is considered acceptable.			
	Developments achieve a minimum of 50% direct sunlight to the principal usable part of the communal open space for a minimum of 2 hours between 9 am and 3 pm on 21 June (mid- winter).	No changes, as approved.			
3D-2	Communal open space is des activities, respond to site conc inviting.				
3D-3	Communal open space is designed to maximise safety.	Fencing/balustrade provided.	\boxtimes		
3D-4	Public open space, where pro existing pattern and uses of the	•			\square
3E	Deep Soil Zones				-
3E-1	Deep soil zones are to meet the following minimum requirements:	Not required in B2 zone.			
3F	Visual Privacy		1		
3F-1	Separation between windows and balconies is provided to ensure visual privacy is achieved. Minimum required separation distances from	Setback Required Proposed Building A 9m 6m – North & 9m 6.3m L5 & rooftop 8 Building B 8			
	buildings to the side and rear boundaries are as follows:	North & 9m 6m South – 1 1 L5 & L6 1 1 Between Buildings 7m internal 7m			
	Building Height = 12m / 4 storeys	balconies L5 & L6			
	 Habitable Rm / Balc = 6m Non-Habitable Rm = 3m 	The original application was approved with non- compliant building			
	Building Height = 25m / 5-8 storeys - Habitable Rm / Balc = 9m - Non-Habitable Rm = 4.5m	separation to the northern and southern side boundaries for Level 5 of Buildings A and B.			
	Note: Separation distances between buildings on the same site should combine	Considering the approved non-compliances, it is acknowledged that compliance will not be able to be achieved on the			

No.	Clause	Comment	Yes	No	N/A
	required building separations depending on the type of room. Gallery access circulation should be treated as habitable space when measuring privacy separation distances between neighbouring properties.	proposed Level 6 of Building B and rooftop communal open space, that are located on the same floor plate. Should consent be granted for the development, conditions would be imposed to maintain privacy as a result of the non-compliant building separation, to the northern and southern boundaries for the proposed Building B Level 6 and rooftop communal open space.			
3G	Pedestrian Access and Entr		1		I
3G-1	Building entries and pedestrian access connects to and addresses the public domain.	Satisfactory.			
3G-2	Access, entries and pathways are accessible and easy to identify.	Satisfactory.			
3G-3	Large sites provide pedestrian and connection to destinations				
3H	Vehicle Access				
3H-1	Vehicle access points are designed and located to achieve safety, minimise conflicts between pedestrians and vehicles and create high quality streetscapes.	Deletion of Sherwood Road results in vehicle access point that is not designed and located to achieve safety, minimise conflicts between pedestrians and vehicles. In this regard, the above non-compliance is considered unacceptable and has been included as a reason for refusal in the draft notice of determination.			
3J	Bicycle and Car Parking				
	 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 	See assessment in HDCP 2013 table at Appendix C.			

No.	Clause	Comment	Yes	No	N/A
	 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 requirement 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.				
3J-2	Parking and facilities are prov transport.	ided for other modes of			
3J-3	Car park design and access is safe and secure.	The configuration of Level 1 car parking area is not satisfactory as it will not maintain safety. In this regard, the above non- compliance is considered unacceptable and has been included as a reason for refusal in the draft notice of determination.			
3J-4	Visual and environmental important parking are minimised.				
3J-5	Visual and environmental imparts are minimised.				
3J-6	Visual and environmental impletered enclosed car parking are minin				
	 Designing the Building 				
4A	Solar and Daylight Access		F		
4A-1	To optimise the number of apa habitable rooms, primary wind				
	Design Criteria Living rooms and private open spaces of at least 70% of apartments in a building receive a minimum of 2 hours direct sunlight between 9 am and 3 pm at mid-winter in the Sydney Metropolitan Area and in the	The development, as modified, proposes that living rooms of 2596 units (26.04%) achieve at least 2 hours, while originally, 20/86 units (23.5%) were approved with compliant living room solar access.			

No.	Clause	Comment	Yes	No	N/A
-	Newcastle and Wollongong				
	local government areas.	The private open space of			
		46/96 units (47.9%) achieve			
		at least 2 hours, while			
		originally 41/86 units (48%)			
		were approved with			
		compliant private open			
		space solar access. The			
		development was already			
		approved with non-			
		compliant numbers of units			
		receiving the solar access in			
		the living rooms and private			
		open spaces, due to the			
		subject allotments east to			
		west orientation, thereby			
		constraining the site in			
		terms of solar access. The			
		proposed modification will			
		result in marginal changes			
		to previously approved			
		units. Non-compliance			
		under the proposed			
		development as modified for			
		solar access to provision is			
		considered acceptable.			
	A maximum of 15% of			\square	
	apartments in a building	I he development, as modified, proposes 35/96			
	receive no direct sunlight	units (36.45%), while the			
	between 9 am and 3 pm at	original application was			
	mid-winter.	approved for 29/86 units			
		(34%) that would receive no			
		solar access. The			
		development was already			
		approved with non-			
		compliant numbers of units			
		not receiving the solar			
		access. However, 5 out of			
		the 10 additional units (nos.			
		8, 9, 46, 47 and 48)			
		proposed under the subject			
		modification application will not receive direct solar			
		access. Residential amenity			
		of the development has not			
		been maintained in this regard.			
		In this regard, the above			
		non-compliance is			
		considered unacceptable	1	1	1

No.	Clause	Comment	Yes	No	N/A
		and has been included as a reason for refusal in the draft notice of determination.			
4A-2	Daylight access is maximised				
4A-3					
	for warmer months.				
4B	Natural Ventilation			·	
4B-1	All habitable rooms are natura	ally ventilated.			
4B-2	The layout and design of sing maximises natural ventilation.	le aspect apartments			
4B-3	The number of apartments wit maximised to create a comfor residents.				
	Design Criteria				
	At least 60% of apartments are naturally cross ventilated in the first nine storeys of the building. Apartments at ten storeys or greater are deemed to be cross ventilated only if any enclosure of the balconies at these levels allows adequate natural ventilation and cannot be fully enclosed.	67/96 (69.8%) of units are naturally cross ventilated.			
	Overall depth of a cross- over or cross-through apartment does not exceed 18m, measured glass line to glass line.	No unit exceeds a depth of 18m.			
4C	Ceiling Heights				
4C-1	Ceiling height achieves suffici daylight access.	ent natural ventilation and			
	Design Criteria				
	Measured from finished floor level to finished ceiling level, minimum ceiling heights are:	No changes, as approved.			
	 Min. Ceiling Height Habitable Rm = 2.7m Non-Habitable Rm = 2.4m These minimums do not preclude higher ceilings if desired. 				
	If located in mixed used areas – 3.3m for first floor	0 0			

No.	Clause	Comment	Yes	No	N/A
-	level to promote future	floor level is to be reduced to		_	
	flexibility of uses.	3m. The intent of the ADG			
	,	control to promote future			
		flexibility of uses for the first			
		floor level will not be			
		achieved with the floor to			
		ceiling height reduction. This			
		is considered acceptable as			
		the access to the first floor			
		level has been designed to			
		cater specifically for the			
		residential uses and that the			
		development has been			
		provided with sufficient			
		commercial component			
		below this level. Non-			
		compliance under the			
		proposed development, as			
		modified, for ceiling height			
		for the first level provision is			
4C-2	Colling boight increases the a	considered acceptable.			
40-2	Ceiling height increases the se	• •	\boxtimes		
4C-3	and provides for well-proportion Ceiling heights contribute to the		\square		
40 0	over the life of the building.	ie nexibility of building use			
4D	Apartment Size and Layout				
4D-1	The layout of rooms within an	apartment is functional, well	\square		
	organised and provides a high				
	Design Criteria				
	Apartments are required to	All apartments were		\square	
	have the following minimum	originally approved with			
	internal areas:	compliant apartment sizes.			
		However, under the subject			
	Min. Internal Area	modification application,			
	- Studio = 35m ²	unit 7 for 3 bedrooms and 2			
	- 1 b/r unit = 50m²	bathrooms has a maximum			
	- 2 b/r unit = $70m^2$	area of only 90m ² , which is			
	- 3 b/r unit = 90m ²	a shortfall of 5m ² . Units 10			
		and 21 with area of 75.1m ²			
	The minimum internal areas	are proposed for 2			
	include only one bathroom.	bedrooms, enclosed study			
	Additional bathrooms	and 2 bathrooms. The			
	increase the minimum	enclosure of the study area			
	internal area by 5m ² each.	would allow the room to be			
	A fourth hadroom and	used as a separate			
	A fourth bedroom and	bedroom. Should consent			
	further additional bedrooms	be granted, conditions could			
	increase the minimum	be imposed to delete the			
	internal area by 12m ² each.	enclosure of the study room			

No.	Clause	Comment	Yes	No	N/A
		of units 10 and 21 and the			
		extra bathroom of unit 7.			
	Every habitable room must	Every habitable room has a	\square		
	have a window in an	window in an external wall.			
	external wall with a total				
	minimum glass area of not				
	less than 10% of the floor				
	area of the room. Daylight				
	and air may not be borrowed				
	from other rooms.				
4D-2	Environmental performance o	f the apartment is maximised.	\boxtimes		
	Design Criteria				
	Habitable room depths are	The proposed development	\square		
	limited to a maximum of 2.5	complies with this			
	x the ceiling height.	requirement.			
	In open plan layouts (where	Units 5, 6, 7, 9, 14, 15, 16,		\square	
	the living, dining and kitchen	19, 20, 25, 26, 27, 30, 31,			
	are combined) the maximum	36, 37, 38, 41, 42, 43, 44,			
	habitable room depth is 8m	47 and 48 kitchen area is			
	from a window.	not located in a straight			
		direction of a window as			
		some part of the kitchen is			
		obstructed by wall. The			
		kitchen design however has			
		been approved as part of			
		the original consent. Non-			
		compliance is considered			
		acceptable in this instance.			
4D-3	Apartment layouts are designed				
	of household activities and ne				
	Master bedrooms have a	Satisfactory.	\boxtimes		
	minimum area of 10m ² and				
	other bedrooms 9m ²				
	(excluding wardrobe space).				
	Bedrooms have a minimum	Satisfactory.			
	dimension of 3m (excluding	All bedrooms have			
	wardrobe space).	minimum dimension of 3m.			
	Living rooms or combined	The proposed development			
	Living rooms or combined living/dining rooms have a	The proposed development complies with this			
	minimum width of:	requirement.			
	 3.6m for studio and 1 				
	bedroom apartments.				
	 4m for 2 and 3 bedroom 				
	apartments.				
	The width of cross-over or	No changes, as approved.			
	cross-through apartments				
	are at least 4m internally to				
	avoid deep narrow				
					1

No.	Clause	Comment	Yes	No	N/A
4E	Private Open Space and Bal				
4E-1	Apartments provide appropria and balconies to enhance res	tely sized private open space			
	Design Criteria All apartments are required to have primary balconies as follows:	The dimensions and areas of all balconies comply with the standards.			
	Min. Balcony Areas / Depths - Studio = 4m ³ / no min. depth - 1 b/r unit = 8m ³ / 2m - 2 b/r unit = 10m ³ / 2m - 3 b/r unit = 12m ³ / 2.4m				
	The minimum balcony depth to be counted as contributing to the balcony area is 1m.				
	For apartments at ground level or on a podium or similar structure, a private open space is provided instead of a balcony. It must have a minimum area of 15m ² and a minimum depth of 3m.	Unit 7 proposes POS area of 9.5m ² where an area of 15m ² is required. Should consent be granted, conditions would be imposed to provide minimum POS directly accessible from living room with area of 15m ² . Unit 6 proposes 2 x POS that are accessed from living room and bedroom with area of 12.7m ² each. Should consent be granted, conditions would be imposed to provide POS directly accessible from living room with minimum area of 15m ² .			
4E-2	Primary private open space an appropriately located to enhar				
4E-3	Private open space and balcony design is integrated into and contributes to the overall architectural form and detail of the building.				
4E-4	Private open space and balco	ny design maximises safety.			
4F	Common Circulation and Sp				
4F-1	Common circulation spaces a properly service the number o	•			
	Design Criteria				
<u>.</u>	The maximum number of	No changes, as approved.			

No.	Clause	Comment	Yes	No	N/A			
	apartments off a circulation							
	core on a single level is eight.							
	For buildings of 10 storeys	N/A						
	and over, the maximum							
	number of apartments							
	sharing a single lift is 40.							
	Daylight & natural ventilation	No changes, as approved.						
	to be provided to CCS							
	above ground level.							
	Windows should be at ends							
	of corridors or next to core.							
4F-2	Common circulation spaces	The additional six (6) x 2						
	promote safety and provide	bedroom units proposed on						
	for social interaction	Block B Level 6 will rely on						
	between residents.	the existing lift core located						
		on Block C. Appropriate						
		weather protection has not						
		been provided for this level to access the additional						
		units proposed on Block B						
		Level 6.						
		Level 0.						
		In this regard, the above						
		non-compliance is						
		considered unacceptable						
		and has been included as a						
		reason for refusal in the						
		draft notice of						
		determination.						
4G	Storage							
4G-1	Adequate, well designed stora	age is provided in each						
	apartment. Design Criteria							
	In addition to storage in	No changes, as approved.						
	kitchens, bathrooms and	no changes, as approved.						
	bedrooms, the following							
	storage is provided:							
	Min. Storage Areas							
	- Studio = $4m^3$							
	- 1 b/r unit = 6m ³							
	- 2 b/r unit = $8m^3$							
	- 3 b/r unit = 10m ³							
	At least 50% of the required							
	storage is to be located							
4G-2		nthy logotod, occossible and						

No.	Clause	Comment	Yes	No	N/A
4H	Acoustic Privacy				
4H-1	Noise transfer is minimised through the sitting of buildings and building layout.	A revised acoustic assessment report has not been submitted with the subject modification application.			
4H-2	Noise impacts are mitigated w layout and acoustic treatment	vithin apartments through			
4J	Noise and Pollution	•••			
4J-1	In noisy or hostile environments the impacts of external noise and pollution are minimised through the careful sitting and layout of buildings.	A revised acoustic assessment report has not been submitted with the subject modification application.			
		In this regard, the above non-compliance is considered unacceptable and has been included as a reason for refusal in the draft notice of determination.			
4J-2	Appropriate noise shielding or attenuation techniques for the building design, construction and choice of materials are used to mitigate noise transmission. See above.				
4K	Apartment Mix				
4K-1	A range of apartment types and sizes is provided to cater for different household types now and into the future.				
4K-2	The apartment mix is distribut the building.	ed to suitable locations within			
4L	Ground Floor Apartments				
4L-1	Street frontage activity is max apartments are located.	imised where ground floor			
	However, ground floor units a discussion under Holroyd LEF	•			
4L-2	Design of ground floor apartm safety for residents.	ents delivers amenity and			
4M	Façades				
4M-1	Building facades provide visua while respecting the character	•			
4M-2	Building functions are express		\square		
4N	Roof Design				
4N-1	Roof treatments are integrated positively respond to the street				
4N-2	Opportunities to use roof space accommodation and open space	ce for residential			
4N-3	Roof design incorporates sust		\square		
40	Landscape Design		لات ا		
40-1	Landscape design is viable ar	nd sustainable.			
40-2	Landscape design contributes				

No.	Clause	Comment	Yes	No	N/A
-	amenity.	•			
4P	Planting on Structures				
4P-1	Appropriate soil profiles are p		\square		
4P-2	Plant growth is optimised with maintenance.	appropriate selection and			
4P-3	Planting on structures contrib amenity of communal and put				
4Q	Universal Design	F F			
4Q-1		included in apartment design			
4Q-2	A variety of apartments with a				
4Q-3	Apartment layouts are flexible	ew additions to existing buildings are contemporary and omplementary and enhance an area's identity and sense			
4R					
4R-1	New additions to existing build	Adaptive Reuse New additions to existing buildings are contemporary and complementary and enhance an area's identity and sense			
4R-2	Adapted buildings provide res	-			
4S	Mixed Use			1	I
4S-1	Mixed use developments are provided in appropriate locations and provide active street frontages that encourage pedestrian movement.	The removal of vehicular access on Sherwood Road, initially approved to service the commercial development facing Sherwood Road, will result in potential conflict between accesses to the driveway between the residential and commercial components within Level 1 parking area. To access commercial premises on Sherwood Road by car, the customer must first access Level 1 parking area from Coolibah Street and then proceed towards north east to the public lift to plaza past the residential boom gate and a loading bay. There are no separate pathway and no disabled car parking proposed within this area. Proposed access for pedestrian and customer to the commercial premises on			

No.	Clause	Comment	Yes	No	N/A		
		considered acceptable.					
		In this regard, the above					
		non-compliance is					
		considered unacceptable					
		and has been included as a					
		reason for refusal in the					
		draft notice of determination.					
4S-2	Residential levels of the build						
10 2	development, and safety and amenity is maximised for						
	residents. See above.						
4T	Awnings and Signage						
4T-1	Awnings are well located and complement and integrate						
-71-1	with the building design.	complement and integrate					
4T-2	Signage responds to the context and desired streetscape				\square		
-⊤ ı ⁻ ∠	character.	ent and desired streetscape					
4U	Energy Efficiency						
40-1	Development incorporates	The development is					
	passive environmental	considered satisfactory with					
	design.	regard to solar access and					
	design.	cross-ventilation.					
4U-2	Development incorporates pa						
40-2	Development incorporates passive solar design to optimise heat storage in winter and reduce heat transfer in summer.						
4U-3			\square				
	Adequate natural ventilation minimises the need for mechanical ventilation.						
4V							
4V-1	Water Management and Conservation Potable water use is minimised.						
4V-1 4V-2				\square			
40-2	Urban stormwater is treated on site before being						
4V-3	discharged to receiving waters.				\square		
40-3 4W	Flood management systems are integrated into site design.						
	Waste Management	Wests storage facilities					
4W-1	Waste storage facilities are designed to minimise	Waste storage facilities					
	impacts on the streetscape,	proposed are not satisfactory as additional					
	building entry and amenity	bins and garbage chute					
	of residents.	have not been provided for					
		the extra units proposed at					
		Block B on Level 6.					
		In this regard, the above					
		In this regard, the above non-compliance is					
		considered unacceptable					
		and has been included as a					
		reason for refusal in the					
		draft notice of determination.					
4W-2	Domostio wasto is minimized		\square				
	Domestic waste is minimised by providing safe and						
47	convenient source separation and recycling.						
4X 4X 1	Building Maintenance						
4X-1	Building design detail provides protection from weathering.			$ \vdash$			
4X-2	Systems and access enable ease of maintenance.						

No.	Clause	Comment	Yes	No	N/A
4X-3	Material selection reduces ongoing maintenance costs.		\square		