

SYDNEY





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ONE SYDNEY HARBOUR

BARANGAROO

R4B SUPPLEMENTARY DESIGN STATEMENT

August 2020

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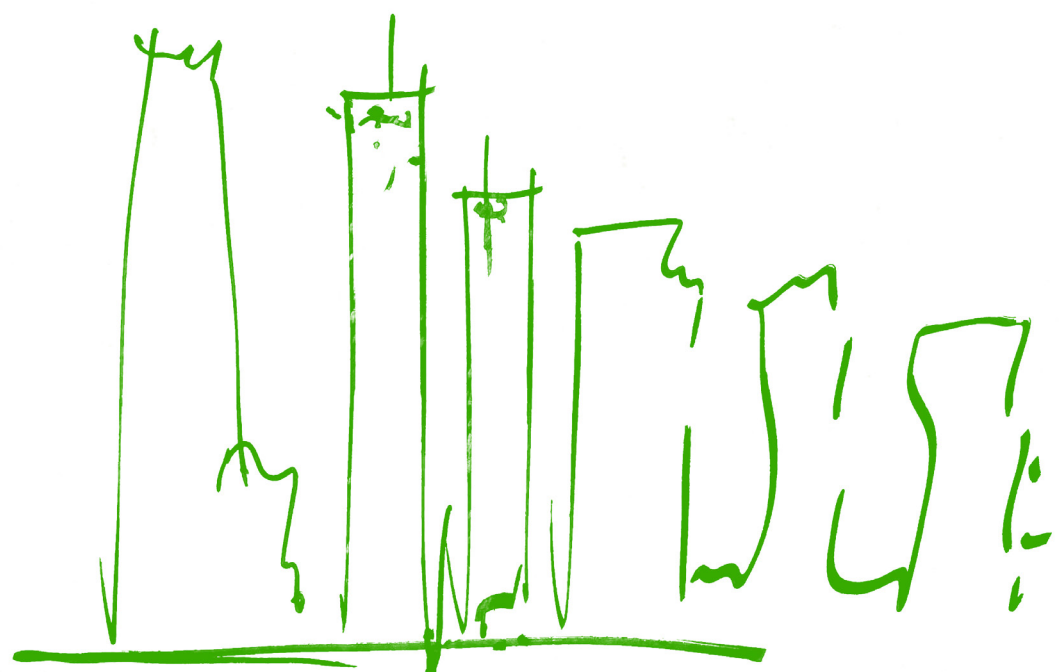


1.0 Introduction

This Design Statement has been prepared by Renzo Piano Building Workshop (RPBW) to support an Amending State Significant Development (SSD) Development Application (DA) submitted to the Department of Planning, Infrastructure and Environment (DPIE) pursuant to Part 4 of the Environmental Planning and Assessment Act 1979 (EP&A Act). The Amending SSD DA seeks to modify the approved 60-storey Residential Building R4B (SSD 6965) by increasing the overall building height to 68 storeys and increasing the gross floor area (GFA) of the building by 5,650sqm.

In response to the additional GFA approved in Modification 10 of the development's masterplan concept plan, this report focuses on how these changes are seamlessly incorporated in the R4B Building, without compromising the refined architecture or the quality of its amenities.

Some drawings, metrics and calculations made in this document consider changes submitted in the S4.55 Mod 2 (which is currently under assessment by the approving authority) to have been approved.



Podium Massing Evolution Model

1.1 Site Context

The One Sydney Harbour site lies at the northern end of the Barangaroo South precinct. The extent of the site is defined by Hickson Road towards the east, Watermans Quay to the south, Barangaroo Avenue to the west and Hickson Park to the north.

The development constitutes three residential towers named R4A, R4B and R5. These towers share the precinct with the Crown Resort which is located to the west and the International Towers which are located to the south.

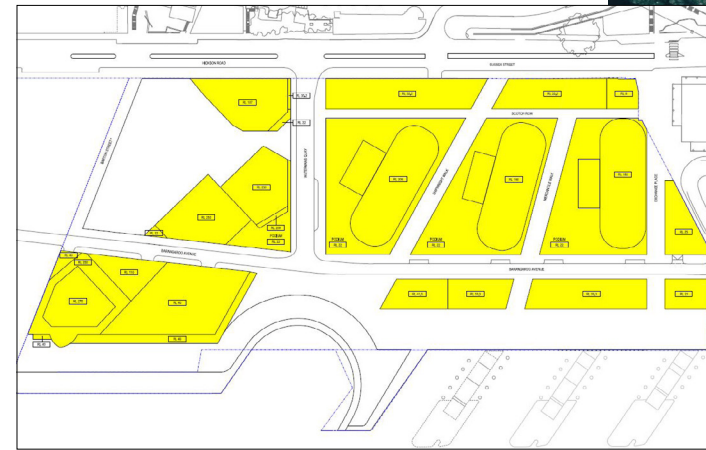
Under the Approved Barangaroo Concept Plan, the site layout allows for the grouping of the residential building forms towards the south and the creation of a park to the north. This park separates the site from Barangaroo Central.

The tower forms feature podiums of a moderate height that extend to the aforementioned streets to define the character and scale of the public domain. All three towers and podiums fit within the Barangaroo South Building Envelope Plan.

The three residential buildings sit above a four level common basement containing car parking, storage, and services / infrastructure.

RPBW has developed a proposal that reiterates and strengthens the design objectives of the approved Mod 10 Concept Plan as influenced by the Master Plan produced by Rogers Stirk Harbour + Partners

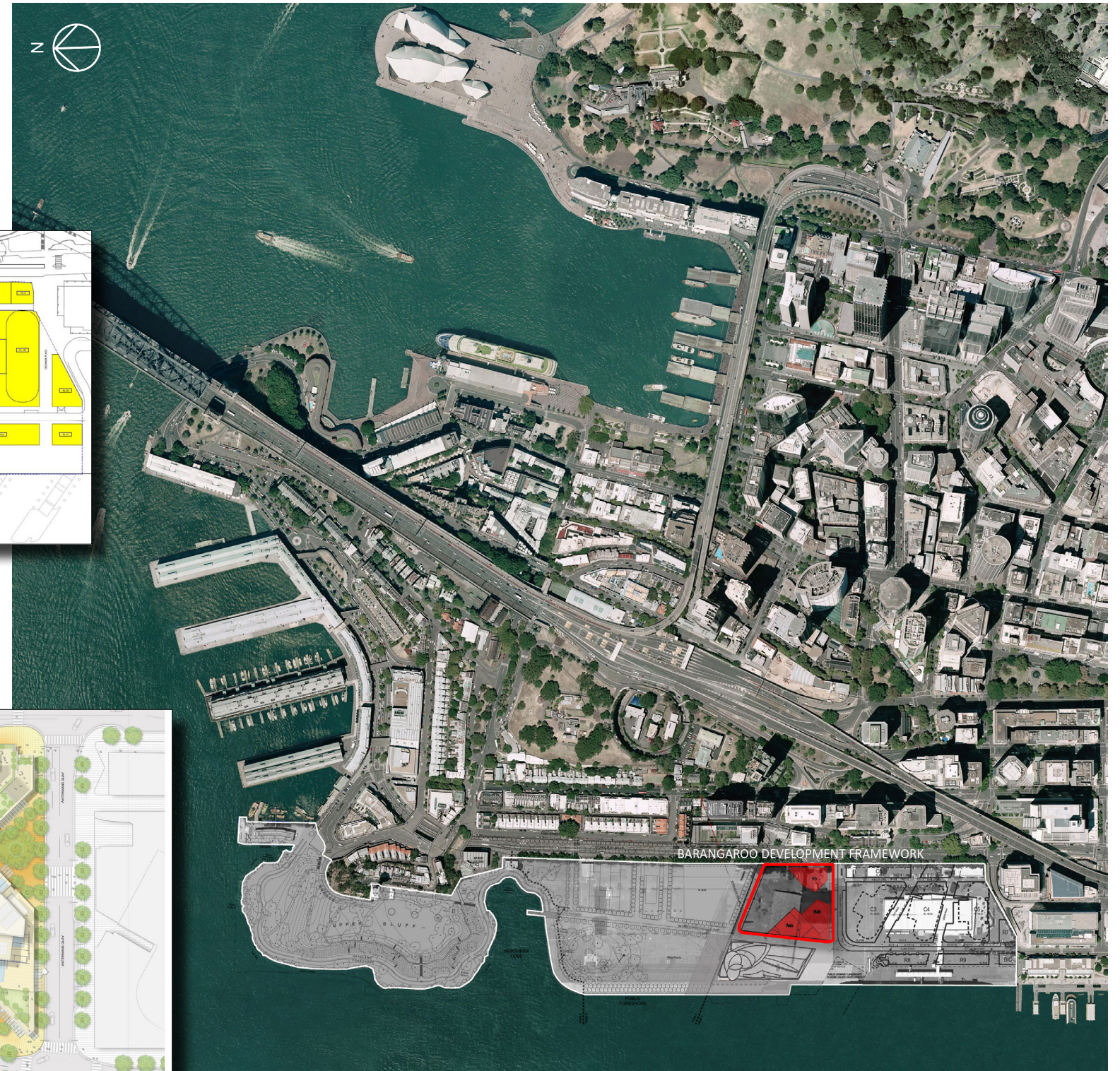
The changes proposed in this amending DA allow for all three buildings to comply with the performance criteria outlined in the Barangaroo South Built Form and Urban Design Controls.



Precinct's Concept Plan



Concept Site Plan

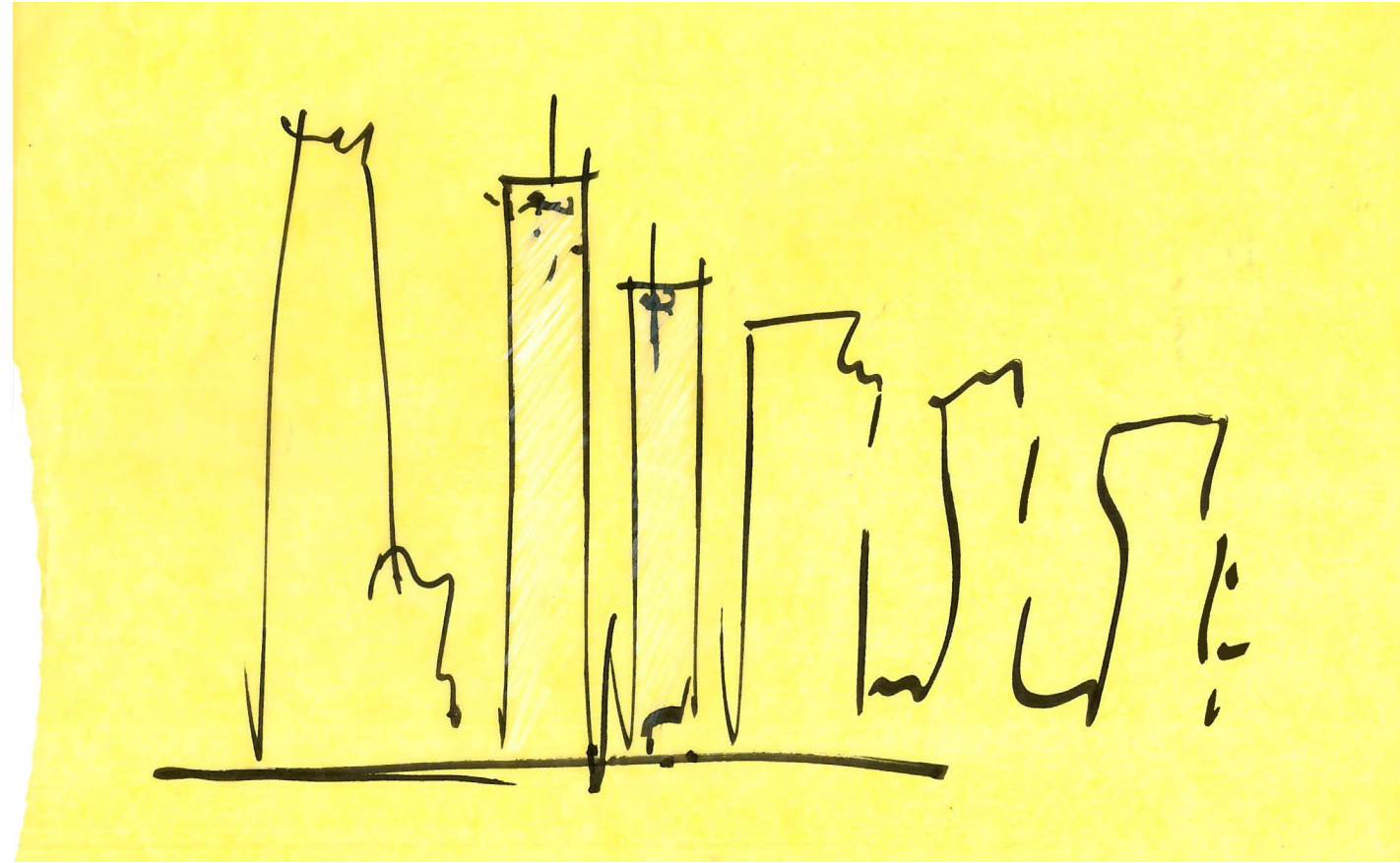


One Sydney Harbour Development Set in Barangaroo Aerial View Highlighted in Red

1.2 Architectural Process



Early Conceptual Context Model (R4B RL at 210)



Conceptual Sketch

The three residential towers have been conceived as 'crystals'. These crystalline forms will be elegantly skinned with a highly transparent glass facade. The form and juxtaposition of the associated detailing of these facades will create a unique architectural language that reflects the site's setting between the Harbour and the CBD.

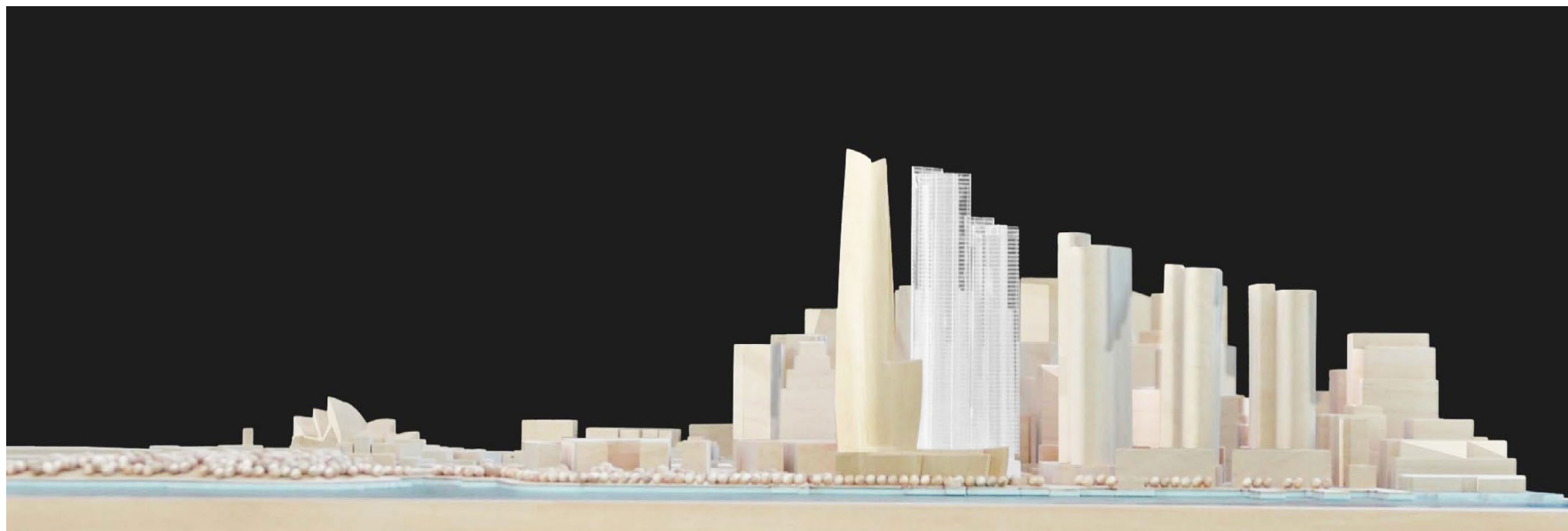
The selected triangular form is not only intended to maximise the view aspect and the orientation to the north-east and west, but this geometry also aims to enhance access to natural light and ventilation.

The façades of each of the three key elevations associated with the triangulated geometry are intended to be consciously expressed, feathering at the edges and delineated with incised rebates at each corner. The design approach is about clarity to the form and surfaces associated with the crystal structures.

The crystal volumes are articulated with a number of different glass facade treatments that form a kinetic skin. The operable wintergardens panels communicate movement and animation to the tower. The main curtain wall elements of the facade extend the crystal form against the sky and down to the podium.

In planning the ground plane a great deal of attention went into maximising the creation of active spaces within the adjacent public realm. Lobbies, amenity facilities and retail spaces are designed and located in a way that will draw life into the precinct.

The changes proposed in this amending DA will not have any impact on the aforementioned ground plane or the overall crystal design on which the original building was designed



Early Conceptual Context Model (R4B RL at 210)



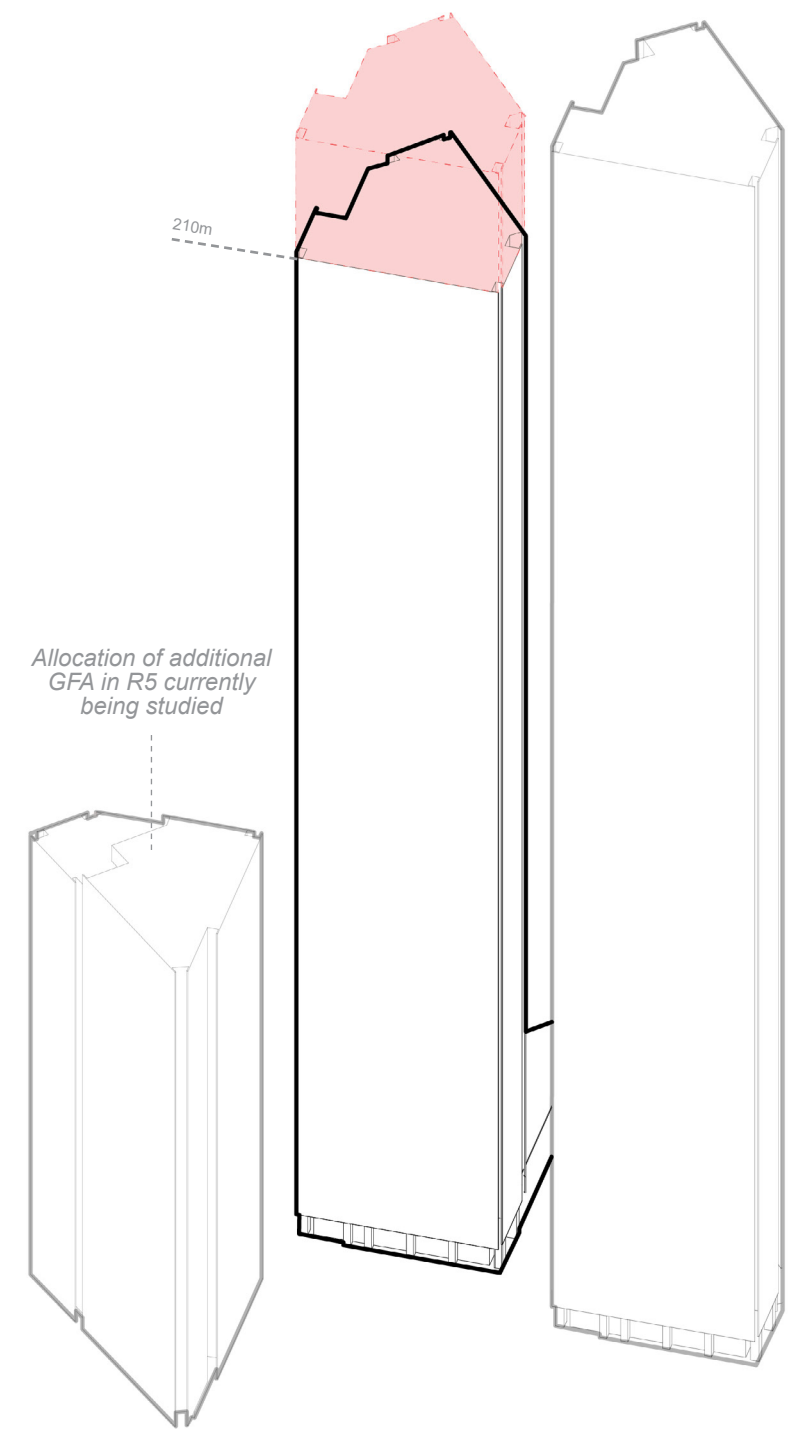
2.0 Context Considerations

Before addressing the detailed changes relevant to this Development Application amendment, it is key to take into account the latest modification 10 approval to the Barangaroo Concept.

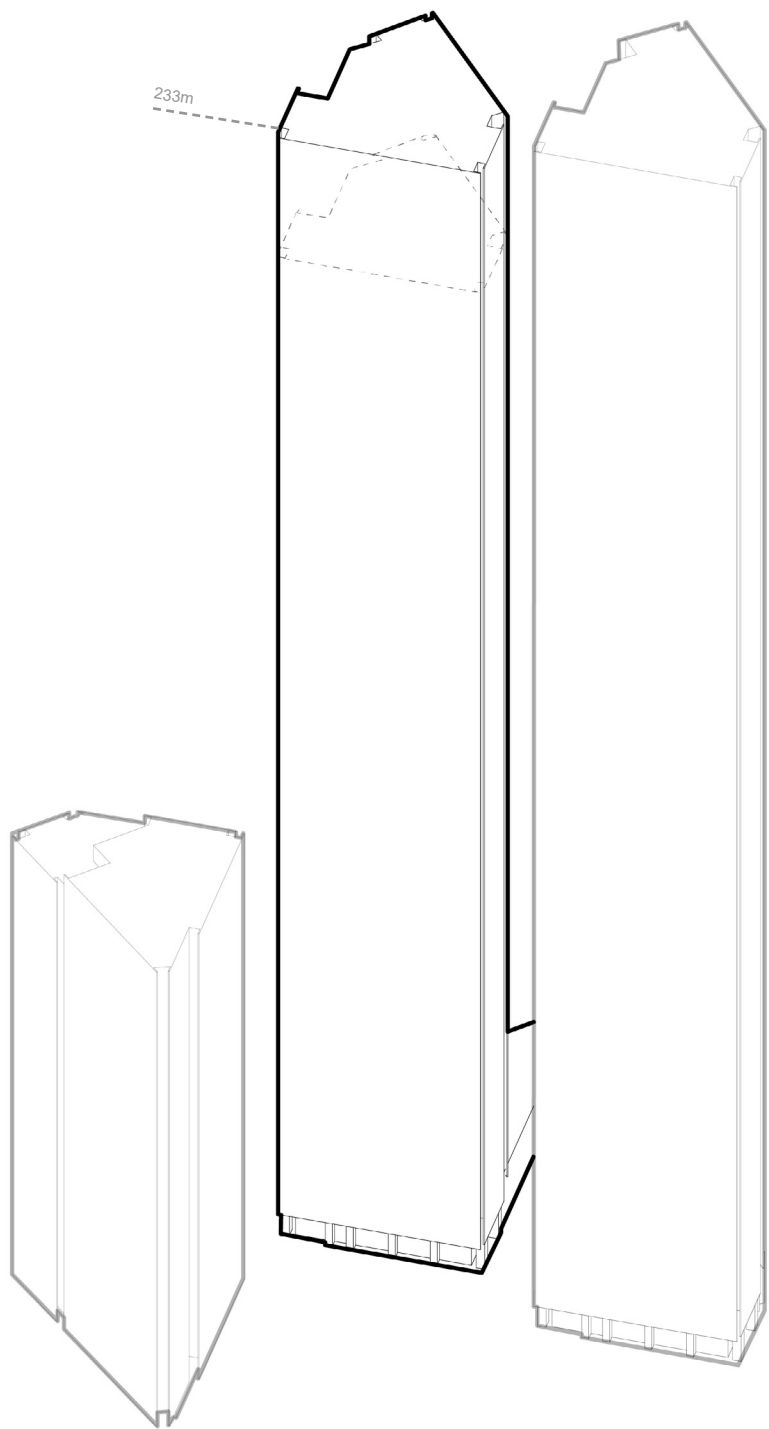
This modification triggered two key changes for Barangaroo South.

1. Waived a previous constraint on R4A and R4B towers that stated that both building must have a minimum of 30m difference in height, raised R4B maximum RL to 235m and amended setbacks, essentially allowing for the tower to extend its approved footprint upwards

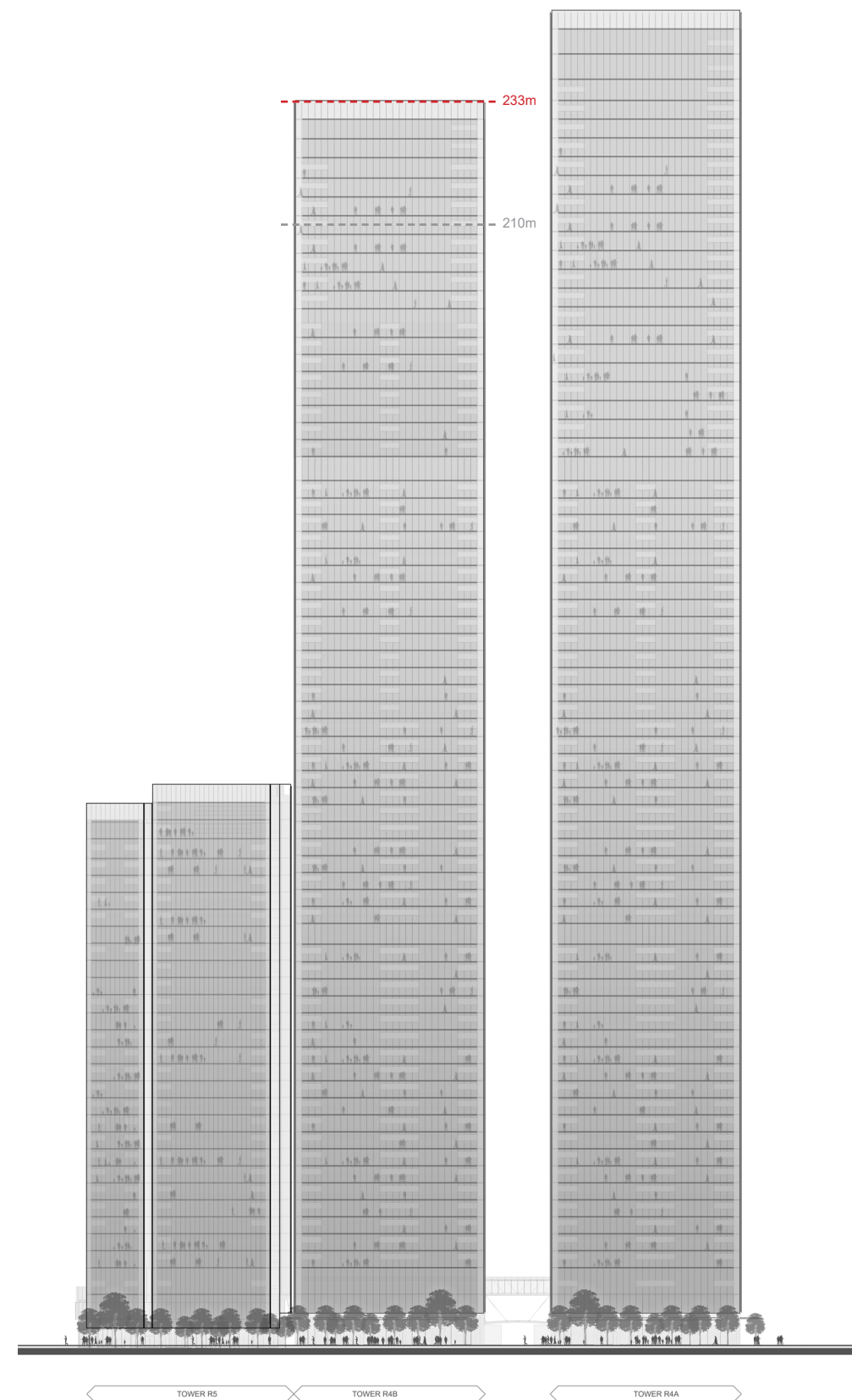
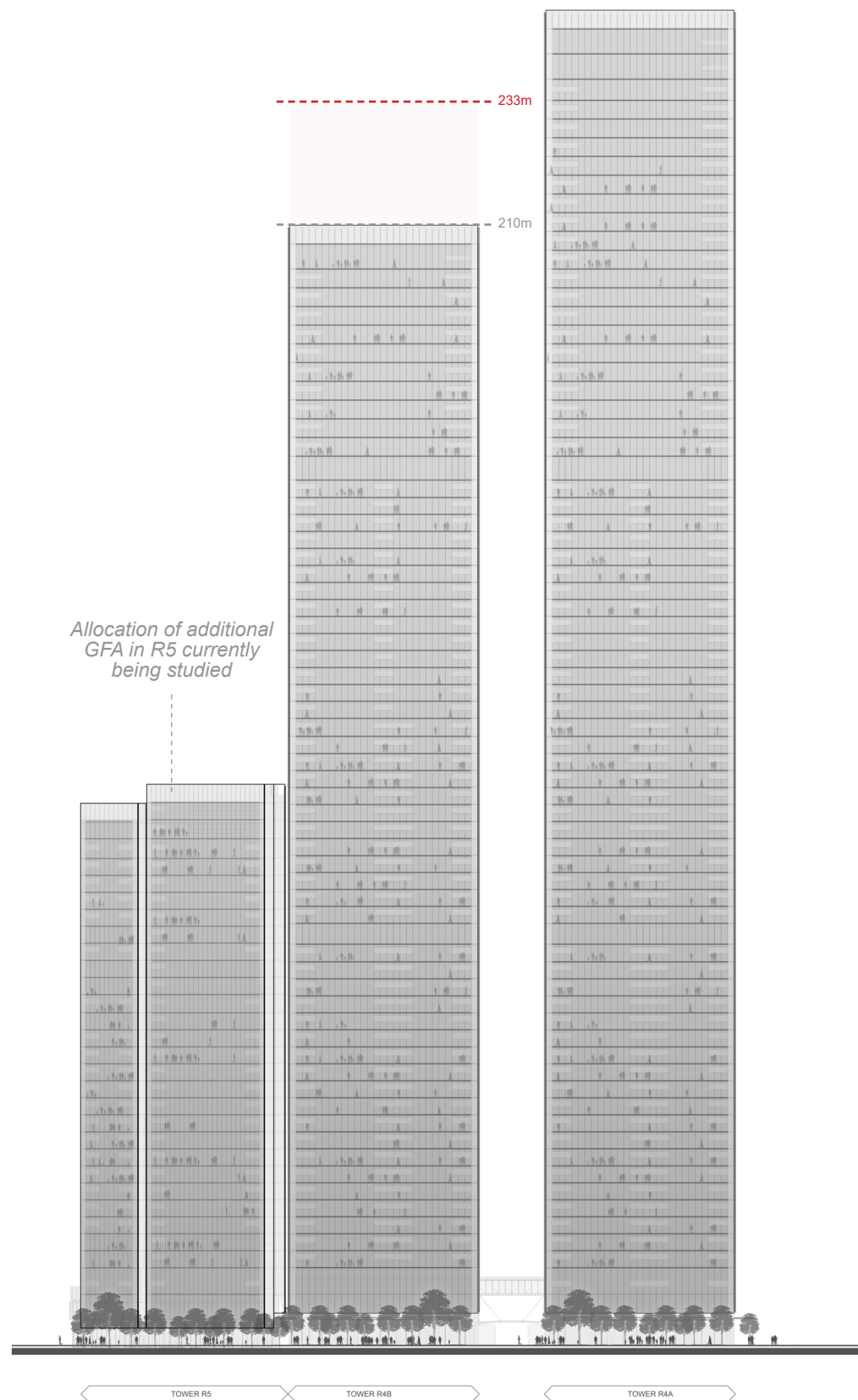
2. Increased the usable gross floor area (GFA) in the complex distributed between R4B and R5 (allocation currently being studied)



Axonometric - Approved Design



Axonometric - Proposed Design



The final result is that this revised building scheme would allow for R4B to be closer in height to the adjoining R4A tower whilst not altering its building footprint.

It is RPBW's view that a reduction in the height difference between R4A and R4B, as a result of the aforementioned Modification 10 Amendments to the Concept Plan, will serve to create a greater degree of architectural tension between these two 'sibling' towers and to make them more readily understood as being a related architectural pair.

Nonetheless, by preserving R4A as the taller building, a sense of hierarchy is still maintained, and the upwards stepping towers height is retained.

 Proposed increase in height

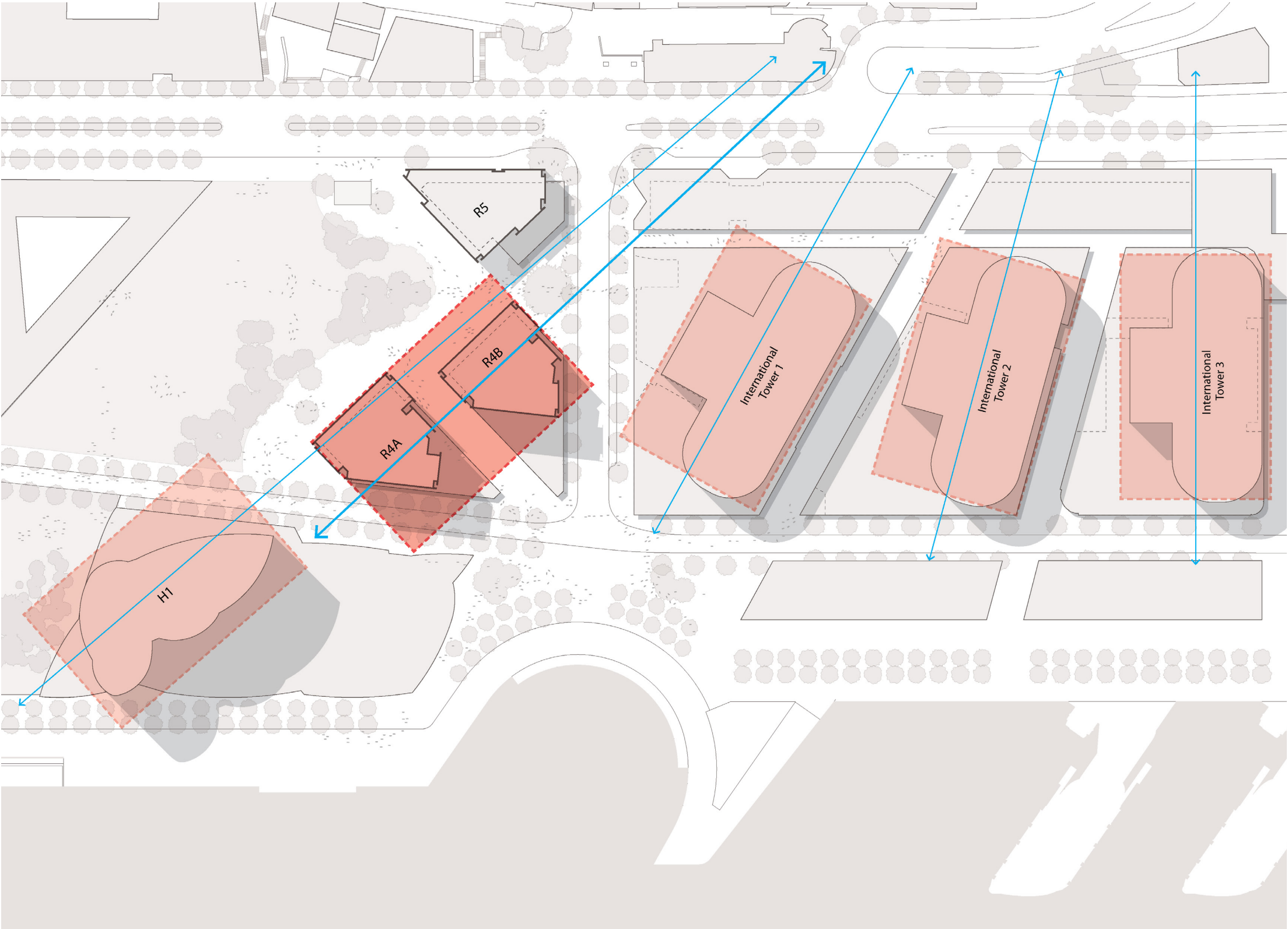
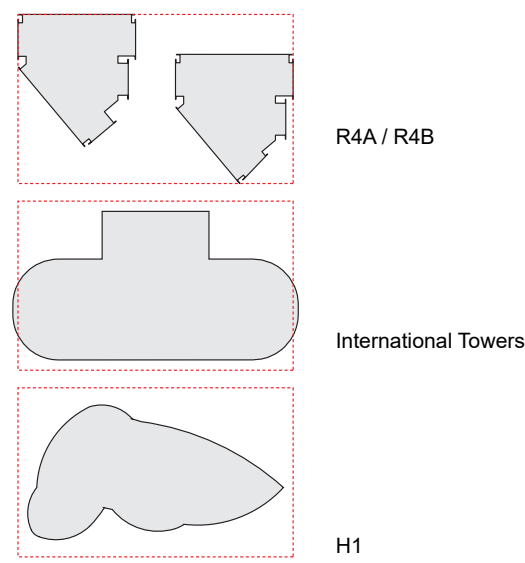
The notion of conceptualising the R4A and R4B towers as a singular composition of related forms holds consistency when considering the immediate context. The masterplan set the buildings in a fan-like array, with these lines defining the orientation of each individual building.

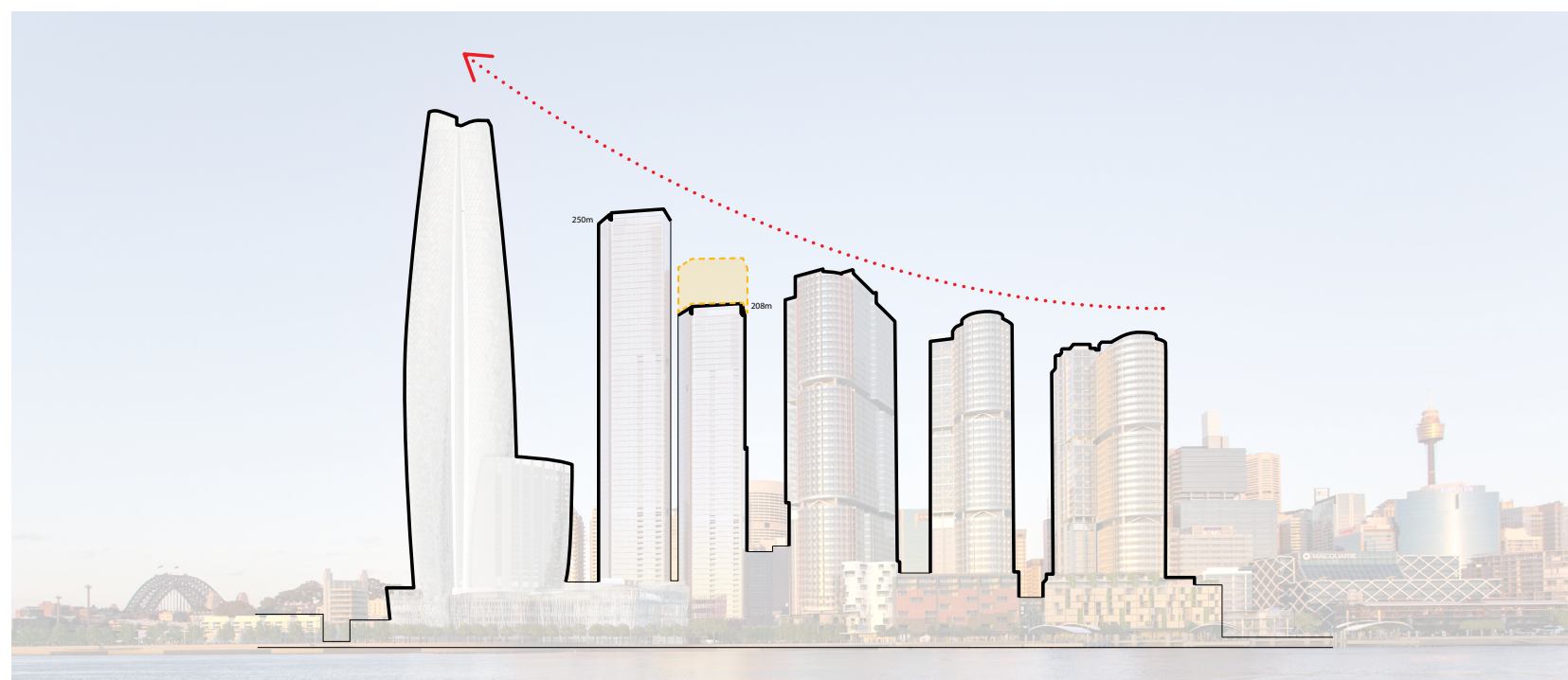
In that aspect, both R4A and R4B share the same geometrical alignment. This contrasts with each of the three commercial towers, as well as the 'H1' tower ((Crown Hotel Resort Sydney)), that follows their own orientation to the fan centre point.

Furthermore, it is also worth considering that R4A & R4B footprint is unequivocally smaller when compared to the adjacent buildings and the fact that they are closer together than any other towers in the precincts. This difference is to such degree that only their combined footprint is equivalent to the individual adjoining towers as shown in the diagram below.

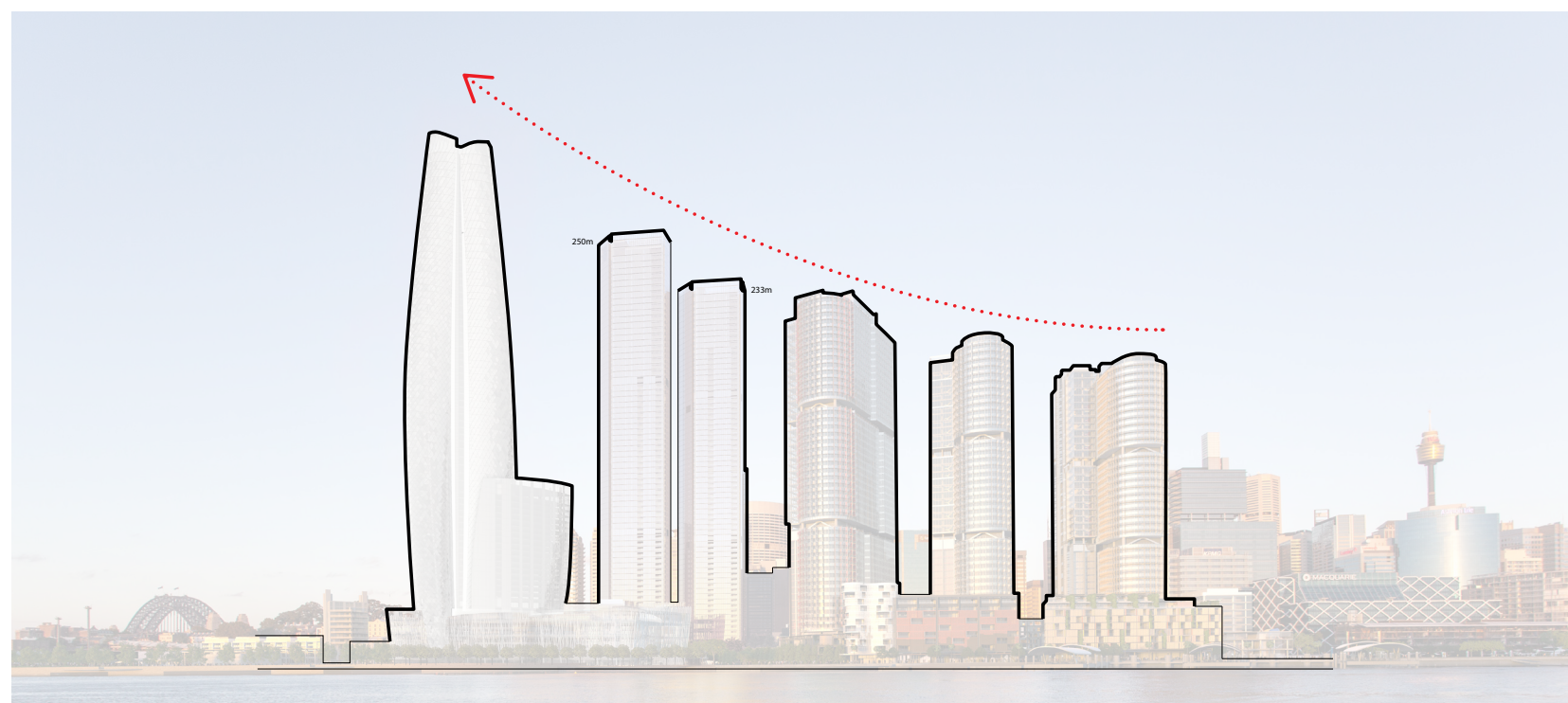
The changes proposed in this amending DA will not have any impact on the siting of the buildings within the larger Barangaroo context, or impact the 'fan' layout.

Tower Footprint Comparison





View from Darling Harbour showing the approved RL 208m scheme in context



View from Darling Harbour showing the proposed RL 233m scheme in context

We have closely studied the skyline as viewed from Darling Harbour. The following illustrative renders, show how the proposed increase in height can also help to emphasize the overall stepping envisaged in RSHP Master Plan for the precinct.

Finally, it is envisaged that the additional height to R4B will have no discernible impact upon the views that are available from the adjacent towers – both built and currently proposed. This is because the current height of R4B is already taller than the adjacent International Towers development and is largely shielded from the Crown Hotel Resort Sydney by R4A.

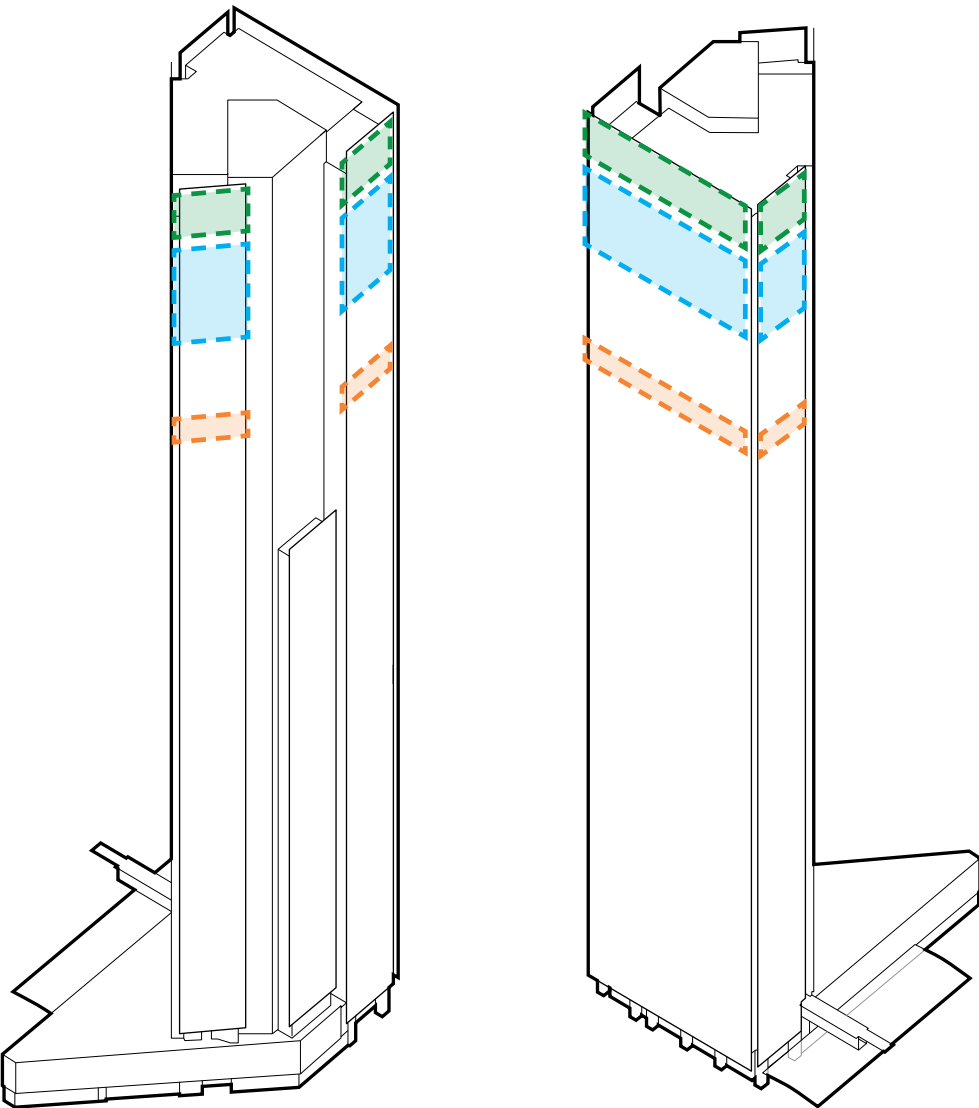
View impacts from R4A will be limited as the principles that defined the planning of the R4A and R4B floor plan layouts mean that there is limited introspection between the two towers.

 Proposed increase in height

3.0 Proposed Building Modifications

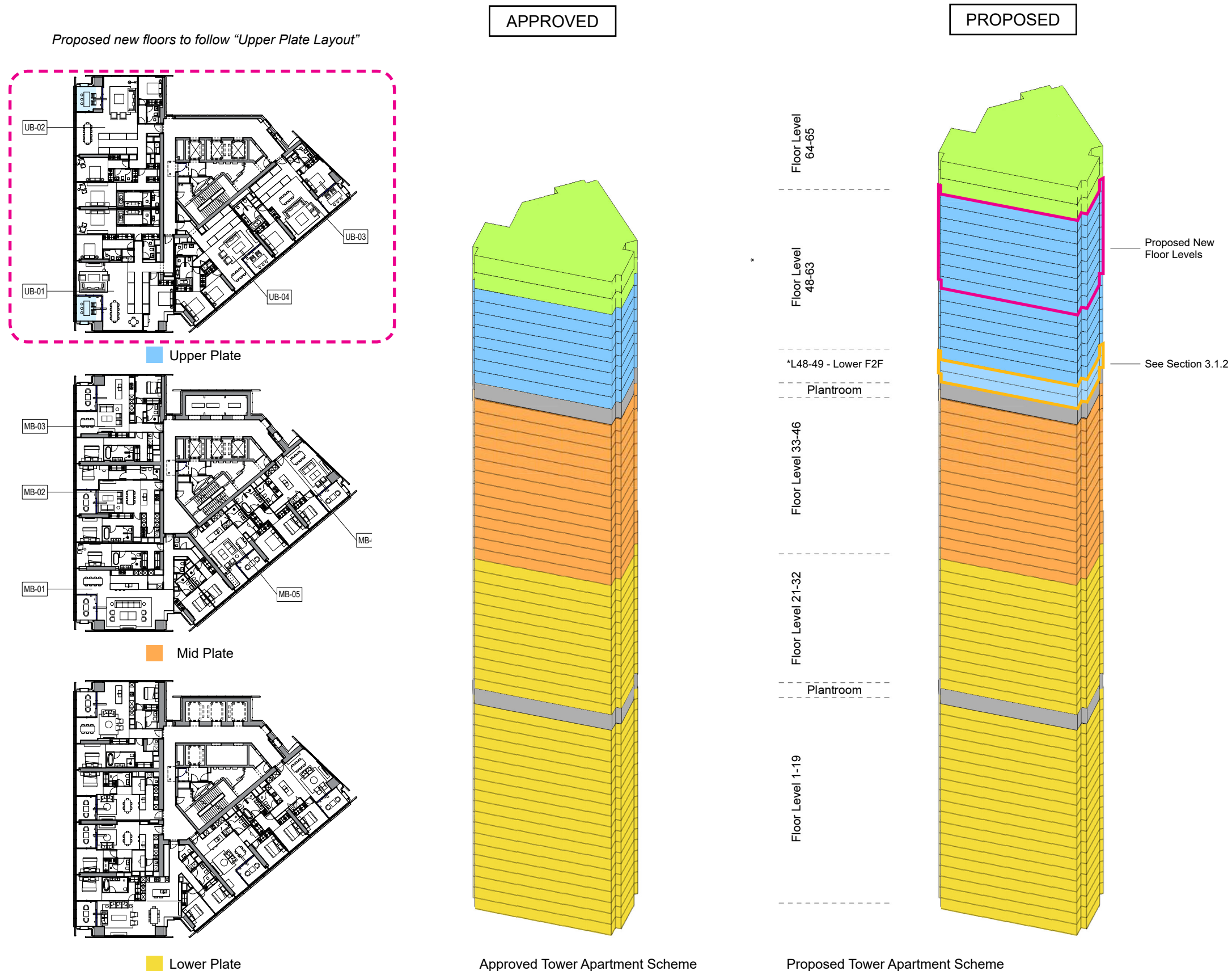
Building R4B was approved by the NSW Planning Assessment Commission in September 2017. Since that approval, the architectural design of the building has been further reviewed, studied, and modelled by the RPBW team with subsequent design refinements undertaken. The changes proposed in this amending DA are summarised in the following sections:

- Section 3.1 Raised Roof Line Proposal
 - 3.1.1 Additional Floor Plates
 - 3.1.2 Atypical Upper Plate Floors
 - 3.1.3 Amendments to Skyhomes



- Additional Floor Plates
- Atypical Upper Plate Floors
- Amendments to Skyhomes

3.1 Raised Roof Line Proposal

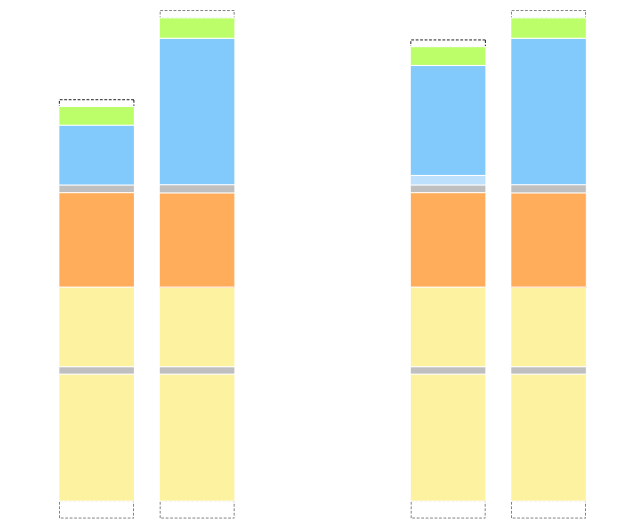


3.1.1 Additional Floor Plates

In response to an increase in GFA of 5,650m² on Block 4A as approved in MOD 10, this amending DA proposes to raise the R4B tower roof line from 208m to 233m. By allocating the extra area vertically we can minimize the impact of this change in the tower. In doing so, we are able to preserve the apartments layout, not compromising the balanced access to light and ventilation calculated and approved for each unit.

To achieve a seamless introduction of these new levels, it was essential to preserve the alignments of the plantrooms between R4A and R4B. In this way, the new eight floors are added on the upper portion of the tower, right below the skyhome apartments.

These new levels are part of the "upper plate", a layout scheme offering four apartments per floor shown in the following plan. This would increase the total amount of apartments by 32, bringing R4B to a total of 322 units.

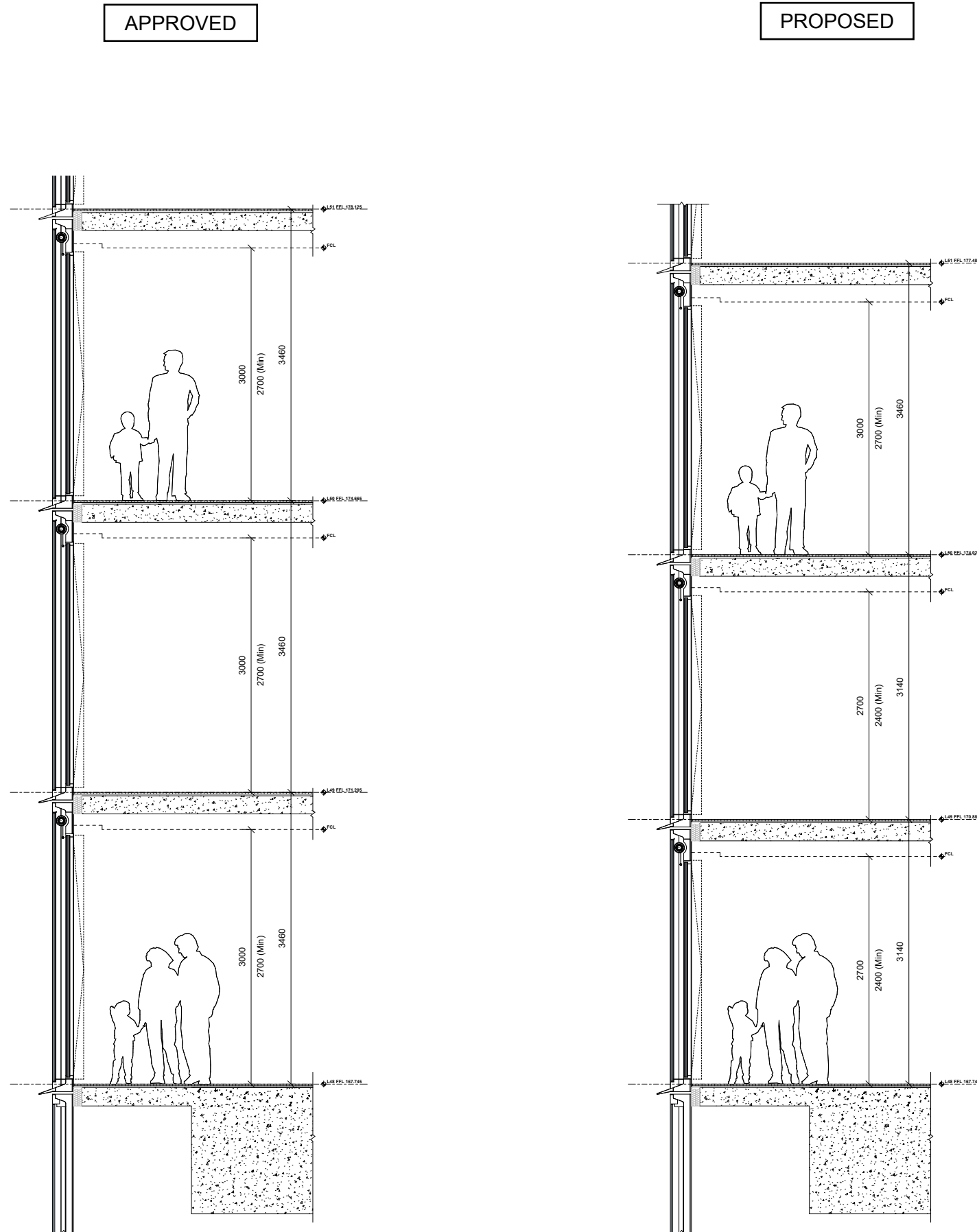


3.1.2 Atypical Upper Plate Floors

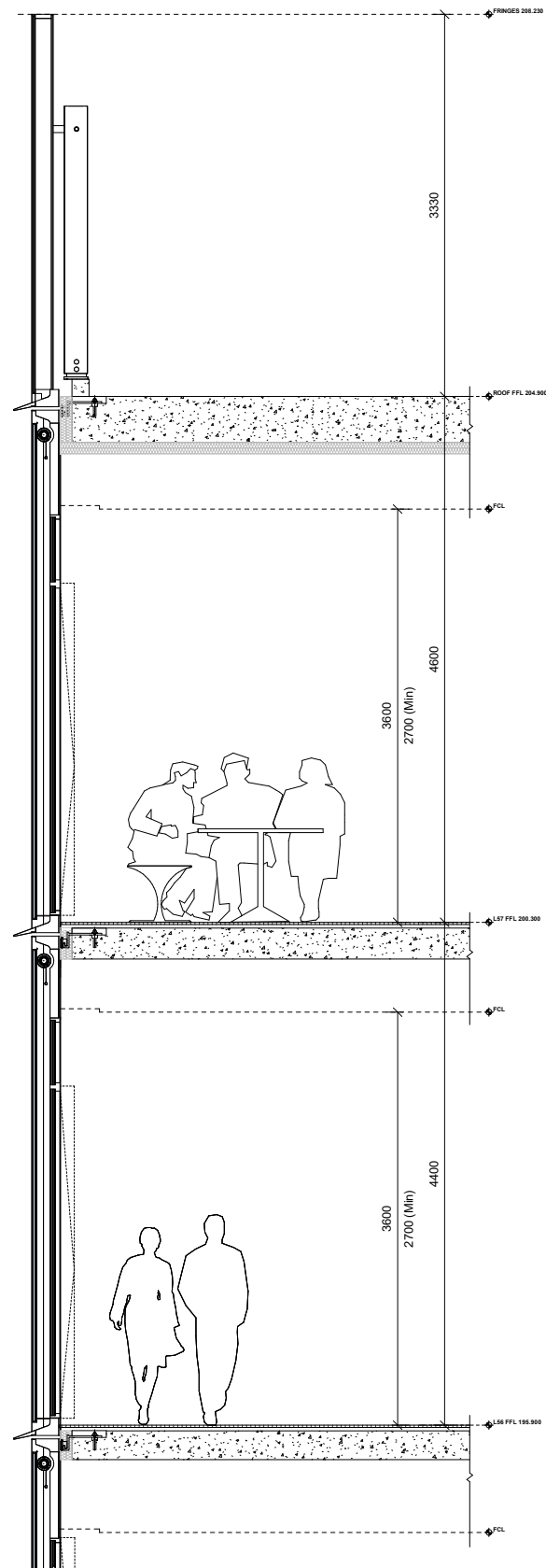
In order to maintain the overall master plan objectives and responding to the building context and vertical alignments, the increase in height is maximised at 233m with the R4B roof line set to align with the R4A finish floor level on L67.

To meet the GFA, 8 floor plates were required to be allocated above the plantroom. Given their position in the tower, these levels are proposed to be Upper Plate typologies (see section 2.1.1). Considering the set RL, and the taller floor to floor height of the Upper Plate scheme, it was necessary to introduce two floors with smaller ceiling height above the plantroom.

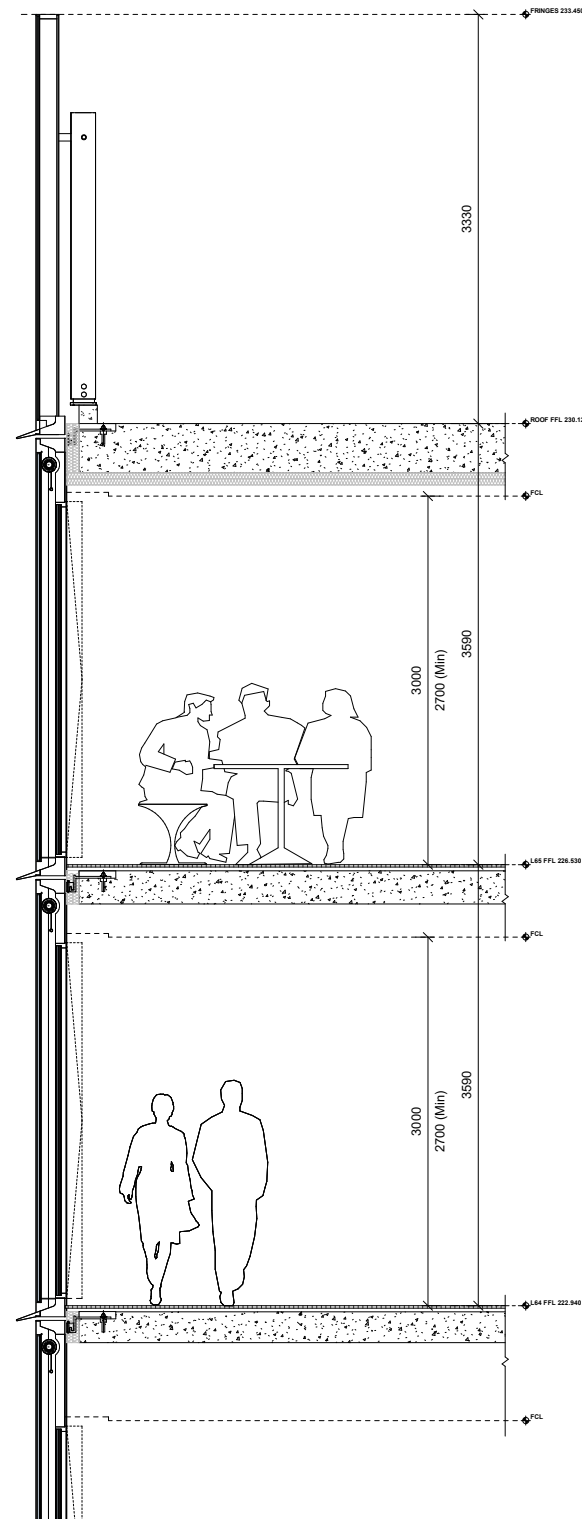
These floors represent a hybrid solution, being an upper plate in layout (4 apartments / level), but matching the other floor plates (lower and mid plates) in height, with 3140mm floor to floor and 2700mm floor to ceiling.



APPROVED



PROPOSED



3.1.3 Amendments to Skyhomes

The same reasoning introduced in section 3.1.2 is used when investigating the changes in the proposed skyhomes. While their layout remains unaltered, adjustments were made in order to comply with the new RL.

The approved skyhomes were set with respectively 4400/4600mm floor to floor. In the proposed scheme, these levels are reduced in height, bringing them to a similar scale to the apartments below. This change still allows for generous 3000mm high ceilings in most of the apartment areas, not compromising the level of excellence envisaged for these apartments.

Considering the broader context, a reduction in the floor to floor height of the skyhomes, allows for a greater contrast with the high floor to floor of the last levels on the top of the neighbour R4A. This creates more emphasis on the apex of the development that can be seen in the elevations on p.13

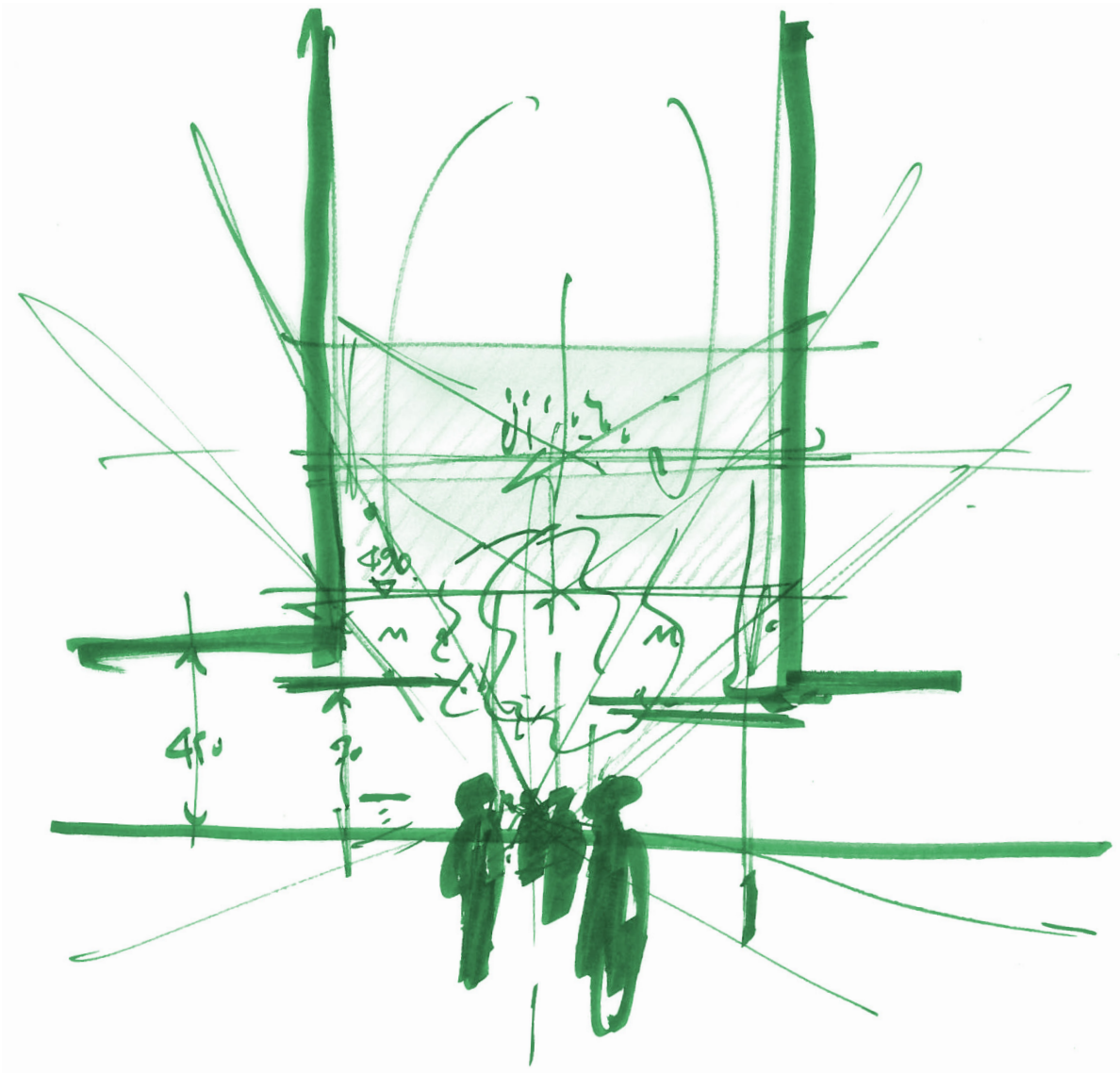
4.0 Design Quality

This proposed amending development application is the result of an exhaustive and comprehensive study that aimed to take into account all the relevant variables involved in raising the tower's RL and absorbing the additional GFA.

After a thorough scrutiny, we can be confident that such increase in height is ultimately a positive outcome for the One Sydney Harbour development and for the surrounding cityscape.

These changes do not compromise in any way the high level of design quality and excellence envisaged for the development. Nor to the amenities provided by the building for its residents, visitors and city dwellers around the precinct.

In the following pages it is shown the amended SEPP65 ADG Compliance schedules after the proposed changes.



4.1 SEPP65 ADG Compliance



Level	Unit	No. of Bedrooms	No. of Bathrooms	GFA (m2)	Balcony / Wintergarden Area (m2)	Balcony / Wintergarden Depth (m)	Wintergarden Area As % Of Unit GFA + Area Over (m2)	Master Bed Area (m2)	Additional Bed Area(s) (m2)	Minimum Bed Dimensions (m)	Habitable Room Depth (m)	Living Room Width (m)	Cross Ventilation	Storage Internal (m3)	Storage External (m3)	2 Hours Solar 9am-3pm (Hours)	2 Hours Solar 9am-5pm (Hours)	Any Solar 9am-3pm (Hours)	Any Solar 9am-5pm (Hours)
64/65	SH-01	5	5	533.10	110.8	2.9	20.8% (30.9m2)	49.4	17.6 - 18.7	3.09	8.3	6.7	DEEMED	33.76	5	YES	YES	YES	YES
64/65	SH-02	5	6	512.70	137.9	2.9	26.9% (61m2)	49.4	18.1 - 22	3.13	8.3	6.7	DEEMED	52.18	5	YES	YES	YES	YES
63	UB01	3	3.5	195.82	13.1	3.7	6.7%	25.2	17 - 19.6	3.23	3.4	4.4	DEEMED	10.75	5	YES	YES	YES	YES
63	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
63	UB03	2	2	113.26	9.6	2.7	8.5%	15.5	13.8	3.06	4.3	5.5	DEEMED	7.56	5	NO	YES	YES	YES
63	UB04	2	2	126.04	9.7	2.9	7.7%	17.2	12.6	3.07	4	4.0	DEEMED	12.27	5	NO	NO	NO	YES
62	UB01	3	3.5	195.82	13.1	3.7	6.7%	25.2	17 - 19.6	3.23	3.4	4.4	DEEMED	10.75	5	YES	YES	YES	YES
62	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
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60	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
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51	UB01	3	3.5	195.82	13.1	3.7	6.7%	25.2	17 - 19.6	3.23	3.4	4.4	DEEMED	10.75	5	YES	YES	YES	YES
51	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
51	UB03	2	2	113.26	9.6	2.7	8.5%	15.5	13.8	3.06	4.3	5.5	DEEMED	7.56	5	NO	YES	YES	YES
51	UB04	2	2	126.04	9.7	2.9	7.7%	17.2	12.6	3.07	4	4.0	DEEMED	12.27	5	NO	NO	NO	YES
50	UB01	3	3.5	195.82	13.1	3.7	6.7%	25.2	17 - 19.6	3.23	3.4	4.4	DEEMED	10.75	5	YES	YES	YES	YES
50	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
50	UB03	2	2	113.26	9.6	2.7	8.5%	15.5	13.8	3.06	4.3	5.5	DEEMED	7.56	5	NO	YES	YES	YES
50	UB04	2	2	126.04	9.7	2.9	7.7%	17.2	12.6	3.07	4	4.0	DEEMED	12.27	5	NO	NO	NO	YES
49	UB01	3	3.5	195.82	13.1	3.7	6.7%	25.2	17 - 19.6	3.23	3.4	4.4	DEEMED	10.75	5	YES	YES	YES	YES
49	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
49	UB03	2	2	113.26	9.6	2.7	8.5%	15.5	13.8	3.06	4.3	5.5	DEEMED	7.56	5	NO	YES	YES	YES
49	UB04	2	2	126.04	9.7	2.9	7.7%	17.2	12.6	3.07	4	4.0	DEEMED	12.27	5	NO	NO	NO	YES
48	UB01	3	3.5	195.82	13.1	3.7	6.7%	25.2	17 - 19.6	3.23	3.4	4.4	DEEMED	10.75	5	YES	YES	YES	YES
48	UB02	3	3.5	190.13	12.6	3.7	6.6%	26.2	11 - 17.4	3.17	4.7	4.7	DEEMED	16.93	5	YES	YES	YES	YES
48	UB03	2	2	113.26	9.6	2.7	8.5%	15.5	13.8	3.06	4.3	5.5	DEEMED	7.56	5	NO	YES	YES	YES
48	UB04	2	2	126.04	9.7	2.9	7.7%	17.2	12.6	3.07	4	4.0	DEEMED	12.27	5	NO	NO	NO	YES
46	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
46	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
46	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
46	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
46	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
45	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
45	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
45	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
45	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
45	MB05	1	1																

Level	Unit	No. of Bedrooms	No. of Bathrooms	GFA (m2)	Balcony / Wintergarden Area (m2)	Balcony / Wintergarden Depth (m)	Wintergarden Area As % Of Unit GFA + Area Over (m2)	Master Bed Area (m2)	Additional Bed Area(s) (m2)	Minimum Bed Dimensions (m)	Habitable Room Depth (m)	Living Room Width (m)	Cross Ventilation	Storage Internal (m3)	Storage External (m3)	2 Hours Solar 9am-3pm (Hours)	2 Hours Solar 9am-5pm (Hours)	Any Solar 9am-3pm (Hours)	Any Solar 9am-5pm (Hours)
43	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
43	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
43	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
43	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
42	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
42	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	DEEMED	YES	YES
42	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
42	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
42	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
41	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
41	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
41	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
41	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
41	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
40	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
40	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
40	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	DEEMED	YES	YES
40	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
40	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
39	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
39	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
39	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
39	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
39	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
38	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	DEEMED	YES	YES
38	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
38	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
38	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
38	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
37	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
37	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
37	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
37	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
37	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
36	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
36	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	DEEMED	YES	YES
36	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
36	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
36	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
35	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
35	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	DEEMED	YES	YES
35	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	YES	YES	YES
35	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
35	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
34	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
34	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
34	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	DEEMED	YES	YES
34	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
34	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
33	MB01	3	3.5	198.58	10.4	2.88	5.2%	22.3	13.3 - 14.6	3.1	5.7	5.5	DEEMED	18.07	5	YES	YES	YES	YES
33	MB02	2	2	114.18	9.5	2.88	8.3%	19.3	15.5	3.05	6	4.5	DEEMED	9.58	4	YES	YES	YES	YES
33	MB03	2	2	122.01	10.4	2.88	8.5%	21.6	11.7	3.13	4.4	4.4	DEEMED	13.73	4	YES	DEEMED	YES	YES
33	MB04	2	2	102.87	10.4	2.88	10.1%	16.4	10.5	3.2	5	5.0	DEEMED	8.26	5	NO	YES	YES	YES
33	MB05	1	1	72.46	9.4	2.88	13.0%	11.4	N/A	3.125	4.4	4.4	DEEMED	2.15	4	NO	NO	NO	YES
32	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	DEEMED	YES	YES
32	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
32	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
32	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	DEEMED	YES	YES
32	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
32	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
31	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
31	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
31	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	DEEMED	YES	YES
31	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
31	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
31	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
30	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
30	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
30	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	DEEMED	YES	YES
30	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
30	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
30	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
29	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
29	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	DEEMED	YES	YES
29	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
29	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
29	LB05	2	2	100.1															

Level	Unit	No. of Bedrooms	No. of Bathrooms	GFA (m2)	Balcony / Wintergarden Area (m2)	Balcony / Wintergarden Depth (m)	Wintergarden Area As % Of Unit GFA + Area Over (m2)	Master Bed Area (m2)	Additional Bed Area(s) (m2)	Minimum Bed Dimensions (m)	Habitable Room Depth (m)	Living Room Width (m)	Cross Ventilation	Storage Internal (m3)	Storage External (m3)	2 Hours Solar 9am-3pm (Hours)	2 Hours Solar 9am-5pm (Hours)	Any Solar 9am-3pm (Hours)	Any Solar 9am-5pm (Hours)
28	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
28	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
27	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
27	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
27	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
27	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
27	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
27	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
26	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
26	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
26	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
26	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
26	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
26	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
25	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
25	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
25	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
25	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
25	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
25	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
24	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
24	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
24	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
24	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
24	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
24	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
23	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
23	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
23	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
23	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
23	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
23	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
22	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
22	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
22	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
22	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
22	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
22	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
21	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
21	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
21	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
21	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
21	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
21	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
19	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
19	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
19	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
19	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
19	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
19	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
18	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
18	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
18	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
18	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
18	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
18	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
17	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
17	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
17	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
17	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
17	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
17	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
16	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
16	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
16	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
16	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
16	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
16	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
15	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
15	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
15	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
15	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
15	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
15	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
14	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
14	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
14	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
14	LB04	2	2	120.7	10.4	2.88	8.6%	22.5											

Level	Unit	No. of Bedrooms	No. of Bathrooms	GFA (m2)	Balcony / Wintergarden Area (m2)	Balcony / Wintergarden Depth (m)	Wintergarden Area As % Of Unit GFA + Area Over (m2)	Master Bed Area (m2)	Additional Bed Area(s) (m2)	Minimum Bed Dimensions (m)	Habitable Room Depth (m)	Living Room Width (m)	Cross Ventilation	Storage Internal (m3)	Storage External (m3)	2 Hours Solar 9am-3pm (Hours)	2 Hours Solar 9am-5pm (Hours)	Any Solar 9am-3pm (Hours)	Any Solar 9am-5pm (Hours)
13	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
13	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
13	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
13	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
12	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
12	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
12	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
12	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
12	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
12	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
11	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
11	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
11	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
11	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
11	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
11	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
10	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
10	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
10	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
10	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
10	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
10	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
09	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
09	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
09	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
09	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
09	LB05	2	2	100.12	10.4	2.88	9.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
09	LB06	1	1	70.81	9.3	2.88	13.2%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
08	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
08	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
08	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
08	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
08	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
08	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
07	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	DEEMED	19.14	5	YES	YES	YES	YES
07	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	DEEMED	6.04	5	YES	YES	YES	YES
07	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	DEEMED	3.32	5	YES	YES	YES	YES
07	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	DEEMED	8.5	4	YES	YES	YES	YES
07	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	DEEMED	5.24	5	NO	YES	YES	YES
07	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	DEEMED	2.14	4	NO	NO	NO	YES
06	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	YES	19.14	5	YES	YES	YES	YES
06	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	NO	6.04	5	YES	YES	YES	YES
06	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	NO	3.32	5	YES	YES	YES	YES
06	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	YES	8.5	4	YES	YES	YES	YES
06	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	YES	5.24	5	NO	NO	YES	YES
06	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	NO	2.14	4	NO	NO	NO	YES
05	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	YES	19.14	5	YES	YES	YES	YES
05	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	NO	6.04	5	YES	YES	YES	YES
05	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	NO	3.32	5	YES	YES	YES	YES
05	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	YES	8.5	4	YES	YES	YES	YES
05	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	YES	5.24	5	NO	NO	YES	YES
05	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	NO	2.14	4	NO	NO	NO	YES
04	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.10	5.6	4.8	YES	19.14	5	YES	YES	YES	YES
04	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.02	5.8	3.4	NO	6.04	5	YES	YES	YES	YES
04	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.01	5.8	3.4	NO	3.32	5	YES	YES	YES	YES
04	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	YES	8.5	4	YES	YES	YES	YES
04	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.20	5	4.8	YES	5.24	5	NO	NO	YES	YES
04	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.13	4.2	4.2	NO	2.14	4	NO	NO	NO	YES
03	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	YES	19.14	5	YES	YES	YES	YES
03	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	NO	6.04	5	YES	YES	YES	YES
03	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	NO	3.32	5	YES	YES	YES	YES
03	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	YES	8.5	4	YES	YES	YES	YES
03	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	YES	5.24	5	NO	NO	YES	YES
03	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	NO	2.14	4	NO	NO	NO	NO
02	LB01	3	2.5	156.0	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	YES	19.14	5	YES	YES	YES	YES
02	LB02	1	1	72.9	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	NO	6.04	5	YES	YES	YES	YES
02	LB03	1	1	71.5	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	NO	3.32	5	YES	YES	YES	YES
02	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	YES	8.5	4	YES	YES	YES	YES
02	LB05	2	2	100.1	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	YES	5.24	5	NO	NO	YES	YES
02	LB06	1	1	70.8	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	NO	2.14	4	NO	NO	NO	NO
01	LB01	3	2.5	155.95	10.4	2.88	6.6%	17.4	10.5 - 12.8	3.1	5.6	4.8	YES	19.14	5	YES	YES	YES	YES
01	LB02	1	1	72.91	9.3	2.88	12.8%	13.6	N/A	3.015	5.8	3.4	NO	6.04	5	YES	YES	YES	YES
01	LB03	1	1	71.45	9.3	2.88	13.1%	13.6	N/A	3.012	5.8	3.4	NO	3.32	5	YES	YES	YES	YES
01	LB04	2	2	120.7	10.4	2.88	8.6%	22.5	10.7	3.13	4.4	4.4	YES	8.5	4	YES	YES	YES	YES
01	LB05	2	2	100.12	10.4	2.88	10.3%	16.7	11.1	3.2	5	4.8	YES	5.24	5	NO	NO	YES	YES
01	LB06	1	1	70.81	9.4	2.88	13.3%	10.7	N/A	3.125	4.2	4.2	NO	2.14	4	NO	NO	NO	NO



Renzo Piano



Emanuela Baglietto