Traffic Report

Thompson Street, Bowen Hills

304900331

Prepared for Gansons Pty Ltd, Ganboys Pty Ltd & Ganbros Pty Ltd

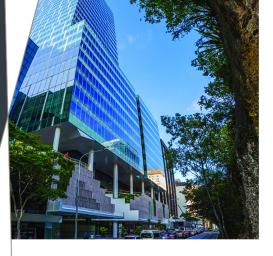
22 December 2022

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Queensland

Approval no: DEV2020/1124/3

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V1	22/12/2022	Issue to Client	Andy Garcia	Trent Williams

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Table of Contents

1	Introduct	tion	1
	1.1	PDA Decision Notice	1
2	Existing	Conditions	3
	2.1	Site Location	3
	2.2	Local Road Network	4
	2.3	Active Transport Facilities	5
	2.4	Public Transport Facilities	6
3	Masterpl	an Development	8
	3.1	Approved Masterplan	8
4	Tower 1		11
	4.1	Tower 1 Proposed Development	11
	4.2	Carparking Provision	12
	4.3	Addition of Carparking – Internal Review	12
	4.4	External Traffic Impacts	12
	4.5	Design Review	13
	4.6	Summary	18

Appendices

Appendix A Development Plans

Appendix B Swept Path Assessment

Appendix C EDQ Decision Notice



Tables

Table 2-1 Local Road Network	4
Table 2-2 Bus Network Services	7
Table 3-1 Masterplan Yield	8
Table 3-2 Acceptable Solution Car Parking Provision	9
Table 3-3 Future Transport Infrastructure	9
Table 4-1 Car Parking Requirements	12
Table 4-2 Existing Approval Parking	12
Table 4-3 Proposed Development Parking	12
Table 4-4 Design vehicle for servicing	14
Table 4-5 Access Design Compliance	15
Table 4-6 Car Park Design Compliance	16
Table 4-7 Bicycle Parking Requirements – Stage 1 only	16
Figures	
Figure 2-1 Site Location	3
Figure 2-2 Local Road Network	4
Figure 2-3 Surrounding Active Transport Facilities	5
Figure 2-4 Surrounding Public Transport Facilities	6
Figure 3-1 Development Masterplan	8
Figure 3-2 Future Transport Infrastructure	9
Figure 3-3 Development Accesses	10
Figure 4-1 Proposed Ground Floor Layout	11
Figure 4-2 Hospital and Office Block Peak Hour Trip Generation	13

1 Introduction

Cardno (now Stantec) has been engaged by Gansons Pty Ltd, Ganboys Pty Ltd & Ganbros Pty Ltd to provide traffic engineering advice in relation to the proposed mixed-use development located at 12-18 Thompson Street, Bowen Hills.

On 8 July 2020, an application for a Priority Development Area (PDA) permit for a Material Change of Use (MCU) was submitted to the *Queensland Department of State Development, Infrastructure, Local Government and Planning – Economic Development Queensland (EDQ)* division (i.e. Application DEV2020/1124). The application included the following uses distributed across three (3) towers within the development:

- > Office
- > Research and Technology Industry
- > Health Care Service
- > Hospital
- > Food and Drink (<250m²)
- > Shop (where located at ground level and not exceeding 250m²)
- > Park
- > Showroom
- > Warehouse
- Indoor Sport and Recreation (Gymnasium)

This Amendment Application relates to changes to the approved development arising because of the requirements of the resolved hospital operator within Tower 1 (i.e. Stage 1), together with detailed design outcomes.

The MCU application was supported by a Technical Memorandum 'Response to EDQ Further Issues Letter', prepared by Cardno (i.e. Reference Number QTT19083) dated 04 February 2021, which aimed at addressing the traffic and transport-related impacts of Tower 1 of the development.

1.1 PDA Decision Notice

On 22 December 2021, pursuant to s.85(4)(b) of the Economic Development Act 2012, the Minister for Economic Development Queensland (MEDQ) decided to grant all of the PDA development application applied for, subject to a list of conditions. A copy of the PDA decision notice is presented in Appendix C.

The purpose of this report is to assess the proposal plans forming part of the Amendment Application, as well as addressing Condition 28 (a) and (b) in the PDA Development Approval. The condition is reproduced below for ease of reference.

Compliance Assessment - Car parking and service bays

- a) Submit to EDQ TS an updated traffic report, certified by a RPEQ for Compliance Assessment. The update report must:
 - i) Ensure GFAs listed in Tables 1-1 and 1-2 of the Tech Memo regarding 'Thompson St, Bowen Hills, Response to EDQ Further Issues Letter', prepared by Cardno, dated 4 Feb 2021, are consistent with the approved architectural plans.
 - ii) includes retail GFA as part of the car park calculation and service bay requirement
 - iii) clearly demonstrates, in accordance with Table 1 in the 'Tech Memo, regarding Thompson St, Bowen Hills, Response to EDQ FI Letter', prepared by Cardno, dated 4 Feb 2021:
 - a) the service bay required by BCC TAPS Table 2. It should be noted that Table 1 shows the minimum number of on-site service bays;
 - b) articulate any reduction lower than the TAPS minimum requirements; and

- c) show van bays near main building entrance in accordance with BCC TAPS Ch 3.3.1, Item 1. The porte cochère cannot be consider a loading zone for commercial vehicles, as it is reserved for passenger drop off and pick up zone.
- iv) provide a car parking and service bay layout plan, certified by a RPEQ, that meets the above requirements.
- v) clearly detail any reduction or non-compliance. The report must be amended to demonstrate using similar and relevant examples to the subject development that the reduction of service bays operates satisfactory.
- vi) provide a layout that demonstrates access and on-site standing for an LRV in accordance with BCC TAPS Ch 3.3.1 Item 3, or otherwise provide RPEQ justification for why an LRV is not required.
- b) Submit to EDQ TS detailed engineering design, certified by an RPEQ, for car parking and service bay layout plan generally in accordance with the endorsed report under part a) of this condition.
- c) Construct, sign and delineate car parking spaces generally in accordance with Australian Standard AS2890 Parking Facilities and the approved plans
- d) Submit to EDQ TS RPEQ certification that parking facilities have been constructed in accordance with part b) of this condition

Therefore, this report is presented to address the below items, relevant to Tower 1 of the development only:

- > Internal traffic arrangements, including:
 - Car park design compliance
 - Parking provisions
 - Access driveway design
 - Servicing provisions
- > Active and public transport connections

2 Existing Conditions

2.1 Site Location

The development site is located over the properties on 12-18 Thompson Street, Bowen Hills. The properties on 12-18 Thompson Street currently exist within the Bowen Hills PDA boundaries, approximately 3.5km northeast from the Brisbane CBD. The site is bounded by industrial uses to the north, east and west, and mixed-use developments to the south.

The site is currently accessed at three locations:

- > One left in/left out access onto Abbotsford Road
- > Two all movements driveways onto Murray Street.

The site location is shown on Figure 2-1.

Figure 2-1 Site Location



Source: Nearmap

2.2 Local Road Network

The road network surrounding provides the site with frontage along three roads, including Thompson Street and Murray Street to the east and Abbotsford Road to the west.

The local road network is shown on Figure 2-2.

Figure 2-2 Local Road Network



Source: Nearmap, Brisbane City Council Road Hierarchy Map

The hierarchy and key characteristics of these roads are summarised in Table 2-1.

Table 2-1 Local Road Network

Road	Classification	Posted Speed	Typical Form
Inner City Bypass	Motorway	60-70km/hr	Four lane, two way, median divided
Abbotsford Road	Arterial Road	60km/hr	Six lane, two way, median divided (Two lane, one way at site boundary)
Thompson Street	District Road	50km/hr (unposted)	Two lane, two way, undivided
Allison Street	District Road	50km/hr (unposted)	Two lane, two way, undivided
Edmondstone Road	District Road	60km/hr	Two lane, two way, undivided
Murray Street	Neighbourhood Road	50km/hr (unposted)	Two lane, two way, undivided
Argyle Street	Neighbourhood Road	50-60km/hr	Two lane, two way, undivided

2.3 Active Transport Facilities

The active transport network is served by footpaths on the roads surrounding the site as well as on-road cycling lanes within close proximity of the site.

Figure 2-3 illustrates the active transport network surrounding the development site.

Figure 2-3 Surrounding Active Transport Facilities



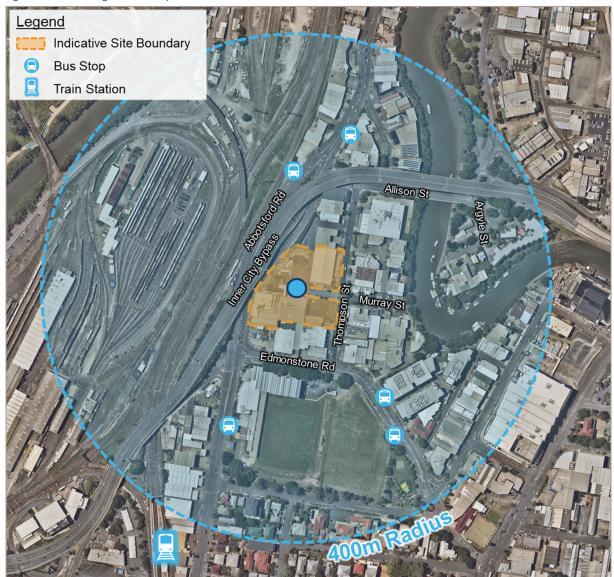
Source: Nearmap

As shown on Figure 2-3, there are footpaths around the site's frontage as well as on the opposite site of Thompson Street. There are also cycle lanes along Edmondstone Road on both sides of the road. These cycle lanes provide connection to surrounding facilities and bus stops.

2.4 Public Transport Facilities

The surrounding public transport facilities are shown on Figure 2-4.

Figure 2-4 Surrounding Public Transport Facilities



Source: Nearmap, TransLink

2.4.1 Bus

There are five bus stops within the 400m walkable catchment of the development. Table 2-2 summarises the bus services for the bus stops nearest to the development.

Table 2-2 Bus Network Services

Route	Direction	Destinations	Weekday Peak Frequency	Weekday Off- Peak Frequency	Service Times
306	Inbound	Toombul Shopping Centre	30 minutes	N/A	6:04am-11:24pm
300	Outbound	station, Cultural Centre	30 minutes	N/A	12:00am-10:54pm
	Inbound	Chermside Shopping Centre,	30 minutes	60 minutes	6:55am-6:41pm
322	Outbound	Brisbane City, Cultural Centre	30 minutes	60 minutes	7:41am-7:11pm
	Inbound	Teneriffe Ferry Station,	20 minutes	60 minutes	6:46am-6:31pm
393	Outbound	Royal Brisbane Women's Hospital	20 minutes	60 minutes	6:33am-6:17pm
924	Inbound	Brisbane City, Brisbane Grammar School	N/A	N/A	7:35am
	Inbound	Toombul Shopping Centre	30 minutes	60 minutes	6:17am-10:44pm
301	Outbound	station, Brisbane City, Cultural Centre	30 minutes	60 minutes	6:59am-10:59am
320	Inbound	Chermside Shopping Centre,	20 minutes	30 minutes	5:40am-8:07pm
320	Outbound	Brisbane City	20 minutes	30 minutes	6:38am-9:46pm
928	Outbound	Brisbane Grammar School, Toombul Interchange	N/A	N/A	3:38pm
929	Outbound	Brisbane Grammar School, Toombul Interchange	N/A	N/A	3:38pm
o =	1.1.1				

Source: TransLink

3 Masterplan Development

3.1 Approved Masterplan

The development masterplan proposes to redevelop the existing industrial uses to four mixed used towers. This is anticipated to occur over four stages with one tower in each stage. Figure 3-1 illustrates the proposed development.

Figure 3-1 Development Masterplan



The tower yields are detailed in Table 3-1.

Table 3-1 Masterplan Yield

Tower	Yield
Tower 1	12,576m ²
Towers 2, 3, 4	25,257m ²
Total	37,833m²

The proposed development at Tower 1 will include a combination of Commercial (i.e. mix uses) and hospital uses.

Towers 2-4 will be subject to further applications which will provide more detail, however some overall traffic principals associated with the masterplan development are outlined in the following sections.

3.1.1 Masterplan Parking Provision

The parking requirements for the development have been assessed against the PDA development scheme and in conformance to the BCC Transport Access, Parking, Servicing Planning Scheme Policy (TAPS). A summary of the acceptable solution is presented in Table 3-2.

As the development is located in the development frame area, TAPS provides a maximum car parking rate. The masterplan will provide overall car parking for the site in line with that outlined in the PDA Development Scheme (TAPS City Frame Rate = max of 1 per 100sq.m).

Table 3-2 Acceptable Solution Car Parking Provision

Land Use	Yield	Parking Rate Acceptable Solution	Parking Acceptable Solution
Commercial and Shop	37,833m ²	Maximum of 1 space per 100sq.m GFA	379 spaces

Table 3-2 indicates that the development masterplan can provide a maximum of 379 spaces in accordance with the TAPS City Frame Rate. This rate has been included as a condition on the Preliminary approval.

Notwithstanding that this rate is applicable to the whole of site with flexibility allowed for individual stages, under the Amendment Application Tower 1 is proposed to provide 114 car parking spaces for the proposed GFA of 12,576m², which complies with the maximum 1 per 100m² rate for this stage of the masterplan. Further details are provided in section 4.2 of this report.

3.1.2 Active Transport

The development site falls within the EDQ, Bowen Hills PDA. In June 2019, EDQ developed the Development Charges and Offsets Plan (DCOP) which outlines the proposed infrastructure within the PDA. The relevant future transport infrastructure is outlined in Figure 3-2 and Table 3-3.

Figure 3-2 Future Transport Infrastructure



Table 3-3 Future Transport Infrastructure

DCOP ID	Road Name	Project Description	Timing Band	Estimated Cost
RD01	Abbotsford Road (North)	Arterial – widening, active transport	2018-2021	\$1,872,269

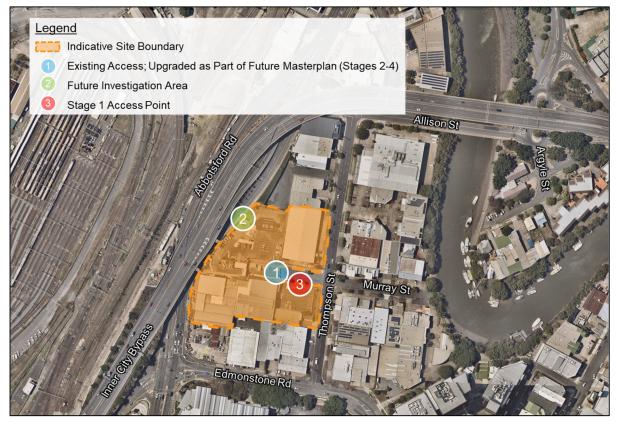
DCOP ID	Road Name	Project Description	Timing Band	Estimated Cost
		improvements and street improvements including:		
		 Upgrades to Abbotsford Rd/Edmondstone Rd intersection (I01) 		
RD03	Edmondstone Road	District – active transport improvements and street improvements including:	2018-2021	\$1,233,460
		 Upgrades to the Thompson Street/Edmondstone Road intersection (I04) 		

The development site has frontage along Abbotsford Road which will benefit from the improvements planned in DCOP ID RD01. This improvement plans to increase the provision of active transport facilities on Abbotsford Road. Given Abbotsford Road provides a path at the frontage to the site, the planned improvement is for the provision of cycling infrastructure.

3.1.3 Development Access

The proposed development gains vehicle access via the existing left-in/left-out access arrangement via Abbotsford Road and the existing two-way movement accesses on Murray Street, as illustrated on Figure 3-3. The two existing access points (1 and 2) are planned to be upgraded to improve safety and connectivity as part of stages 2-4 of the development.

Figure 3-3 Development Accesses



It is noted that while the existing access point located on Abbotsford Road is currently operational, the potential for it to act as an access to the Masterplan Development raises some queueing issues. The ingress / egress access is an investigation area and any potential connection to Abbotsford Drive will be subject to future assessment and approvals, noting that is not required as part of Stage 1 (this report).

4 Tower 1

The development is proposed to be delivered in stages given the extent of the overall site. This assessment is only relevant to the Stage 1, wherein Tower 1 is planned to be completed.

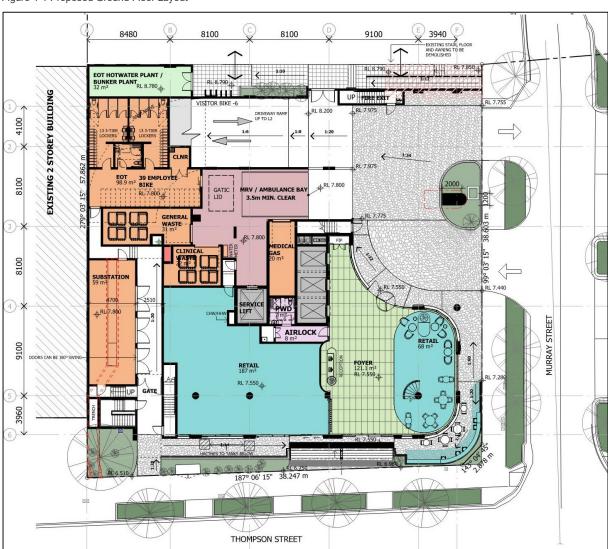
4.1 Tower 1 Proposed Development

Since the original approval, the development has sought to secure tenants for the building to bring life to the project and this part of the PDA. A well-established private hospital operator has been secured as an anchor tenant for the Stage 1 tower. The hospital use is intended to occupy Levels 5, 6 and 7 of the building, as well as the new underground bunker level, with the remaining levels above being available for a mix of office, research and technology and health care services (consistent with the approved outcomes).

Following engagement with the hospital operator, the provision of cancer treatment within the development is now proposed. This includes radiation treatment, which is required to be shielded to prevent high-energy rays from escaping the treatment rooms. To achieve this shielding and make efficient use of the building footprint, an underground bunker level is proposed for the cancer treatment operations.

The proposed floor plan is shown below on Figure 4-1. A copy of the development plans can be found at Appendix A.

Figure 4-1 Proposed Ground Floor Layout



4.2 Carparking Provision

Section 2.5.2 of the PDA Development Scheme seeks that the development provides car parking, access, and servicing facilities to meet the necessary functional requirements of development. The Development Scheme references the TAPS policy in the Brisbane City Plan, which represents an acceptable outcome (i.e. one way to achieve the outcomes of, in this case, the Development Scheme). The car parking provisions, having regard to the TAPS policy, have been summarised in Table 4-1.

Table 4-1 Car Parking Requirements

Land use	Yield	Car Parking Rate	Car Parking Requirement
Retail/ Commercial/ Health Care/ Hospital	12,576m²	Maximum 1 space per 100m² gross floor area	126 parking spaces

As shown in Table 4-1, application of the above parking rates indicates that the proposed development may provide a maximum of 126 car parking spaces.

4.3 Addition of Carparking – Internal Review

The previous approval for the development was for a health-oriented business park, which included retail, commercial, health care and hospital uses, and consisted of three levels of podium carparking. A total of 123 car parking spaces were provided. The parking was as shown on Table 4-2 below.

Table 4-2 Existing Approval Parking

Level	Number of Carparking Spaces
Ground Floor	0
Level 2 Podium Carpark	39
Level 3 Podium Carpark	42
Level 4 Podium Carpark	42
Total	123

A hospital operator has now been secured as an anchor tenant for Tower 1 and will occupy the bunker and levels 5, 6 and 7. The design has been modified marginally to accommodate the new layout. The proposed new parking configuration is as shown on Table 4-3 below.

Table 4-3 Proposed Development Parking

Level	Number of Carparking Spaces
Level 2 Podium Carpark	36
Level 3 Podium Carpark	38
Level 4 Podium Carpark	40
Total	114

As shown above, there is a minor reduction of 9 carparking spaces. Nonetheless, the number of proposed car parking spaces complies with the maximum parking rate of 1 per 100m2 GFA outlined in the TAPS policy, which therefore complies with the outcomes in the PDA Development Scheme.

4.4 External Traffic Impacts

The proposed development comprises of a hospital and mixed uses. Hospitals are facilities open throughout the day (with 24-hour staffing requirements) and do not have any clear morning or evening 'rush-hours'. Instead, it is expected that the development vehicle generated trips will be spread throughout the day and vehicles will be either entering or exiting at any one time, as opposed to clear AM and PM peaks.

As a result, the proposed development is not expected to cause any significant impacts to the local road network as the peak hours of the hospital will not line up with the peak hours of the surrounding intersections.

Furthermore, while it is acknowledged that the hospital may add trips to the road network, Cardno (now Stantec) are of the opinion that detailed analysis of the external traffic impacts will not be required for this development due to the following:

- > There is a significant amount of background traffic expected on the local network, generated by the neighbouring childcare centre, nearby residential dwellings, parks and significant retail / commercial uses.
- > Given the expected background volumes and the minor changes to the development's envisaged yields, the relatively minimal traffic generated by the development would not cause any significant impact delays to the existing background traffic and would have minimal impact on overall traffic flows.

However, an investigation into the AM and PM peak trip generations was undertaken to quantify the impact of the development on the local road network, with reference made to the Institute of Transportation Engineers *Trip Generation*, 8th Edition. It is noted that the development was previously approved as a business park, therefore the proportion of AM and PM peak trips over the daily peak volume was assessed for a hospital and an office block. The results are shown on Figure 4-2 below.

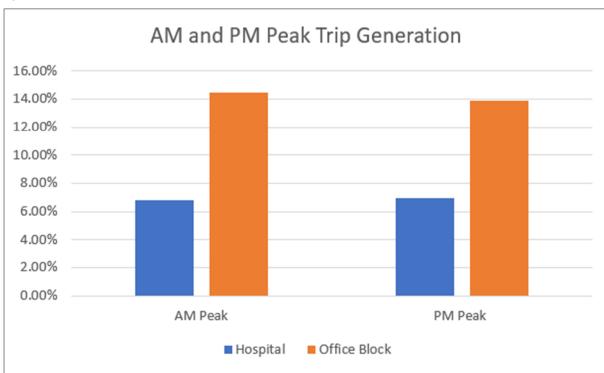


Figure 4-2 Hospital and Office Block Peak Hour Trip Generation

As the graph above shows, an office block was found to have almost double the number of peak hour trips as compared to a hospital. As the proposed hospital will add significantly less traffic to the local road network in the morning and evening peak hours than what the development was previously approved for, it is not expected that the development will have any significant impact on the surrounding road network.

Overall, the proposed traffic volumes are expected to have a negligible impact on the surrounding local network and thus not be suitable for detailed intersection analysis. As such, the proposed development is expected to have negligible impacts on the safety and efficiency of the local network.

4.5 Design Review

The proposed development at 12-18 Thompson Street, Bowen Hills was previously approved as a health-oriented business park development, which comprised of retail, commercial hospital and health related uses. As part of the current Amendment Application, minor changes are proposed to the ground level in order to safely and efficiently accommodate the flow of traffic and carparking and to ensure compliant manoeuvring of vehicles in accordance with Condition 28 of the PDA Development Approval.

4.5.1 Design Vehicle

The design vehicle required for the land uses are as below:



- > Medium Rigid Vehicle (MRV)
- > Small Rigid Vehicle (SRV)
- > Refuse Collection Vehicle (RCV), also referred to as BCC TAPS 2014 Rear loader.

The client has advised that the largest anticipated vehicles expected on site will be an MRV and an ambulance. Therefore, the site has been designed to accommodate these vehicles. It is acknowledged that the BCC TAPS requirement is not to be taken as an absolute minimum, but more as a guideline. It is not unusual for developers to advise their specific need for each development site, and the provision to be based off of this. Therefore, the site has been designed to accommodate an MRV and an ambulance, wherein the manoeuvrability of the MRV is considered the worst case scenario.

This approach reflects the performance outcome of the TAPS code in the City Plan, which seeks that service bay types and numbers meet the demand of the proposed development, which this proposal achieves.

Further, Table 3.3.1 of the BCC TAPS Policy indicates the servicing bay requirements for office type uses should be based on the GFA of the proposed development. The servicing requirement for office type uses is outlined in Table 4-4 below:

Table 4-4 Design vehicle for servicing

GFA	Yield (GFA)	VAN	SRV	MRV	LRV
10,000-14,999m ²	12,576m ²	4	2	1	-

The proposed development proposes:

- > 4 x VAN bays
- > 1 x MRV bay

It is anticipated that on-site servicing will be coordinated by the on-site manager such that the various land uses' servicing does not coincide.

While it is acknowledged that there is a shortfall in SRV parking, these vehicles will be able to use the dedicated MRV parking area. This loading bay allows for the servicing of both the MRV and SRV. On-site management will coordinate the arrival of SRV and MRV type vehicles to ensure there is no overlap.

SRV and MRV type vehicles are expected to be furniture delivery and document destruction type services which can be coordinated and limited to set times for delivery. Furthermore, these types of deliveries are expected to be infrequent.

It is proposed that the ambulance bay also utilises the MRV bay, however it should be noted that in an emergency situation the ambulance would park either in the port cochere area or the MRV bay. It is important to note that this is an emergency vehicle and would have right to park where needed.

Based on the above the proposed servicing arrangements are considered acceptable and are expected to cater for the demands associated with the proposed development.

4.5.1.1 Location

According to TAPS, a driveway with access to a minor road should be located at least 10m from the property boundary of the intersecting road when its adjacent feature is an intersection and have at least 3m separation from adjacent driveways. The proposed driveway satisfies both requirements; therefore the driveway location is compliant.

4.5.1.2 Sight Distance

In accordance with TAPS, the standard minimum sight distance requirement for a speed environment of 50kph is 90m, measured 5m back from the edge of the through carriageway. Approximately 40m of sight distance is provided to the east, however, this is deemed suitable as there is clear sight distance between the access intersection and the Murray Street / Thompson Street intersection, which is where the sight distance provision goes up until. Approximately 25m of sight distance is provided to the west, which is also deemed suitable as Murray Street is a closed road and ends within 25m of the site access. Therefore, there is sufficient sight distance to observe oncoming traffic from both directions.

4.5.2 Change in Design

One of the changes made to the development is the modification of the ground level and the ramp that provides access to the parking spaces at Levels 2-4. To ensure a safe an efficient manoeuvre of vehicles, Cardno (now Stantec) have provided advice to the design team by undertaking a swept path assessment and ensuring that the below movements can be undertaken within the proposed development, including:

- > B85 and B99 Standard Vehicles
- > A rear-lifter refuse collection vehicle (RCV)
- > A Medium Rigid Vehicle (MRV)

The swept path assessment is presented in Appendix B.

4.5.3 Vehicle Access

4.5.3.1 Crossover

The client has advised that the largest design vehicle regularly expected on site would be an MRV, and the proposed refuse collection is expected to take place with an RCV standing in the driveway. As such, the access crossover has been designed to accommodate an MRV and RCV.

Table 4-5 summarises the access requirements.

Table 4-5 Access Design Compliance

Driveway Selection	Design Entry Width	Proposed Entry/Exit Width	Council Compliant
B2	6.0m – 9.0m	Entry 6.2m / Exit 7.0m	✓

As shown above, the proposed development provides a 6.2m wide entry crossover and a 7.0m exit crossover on Murray Street, satisfying the design requirements.

Furthermore, a swept path assessment has been undertaken to ensure the access driveway can safely accommodate appropriate servicing and vehicular access.

The swept path assessment is presented in Appendix B.

4.5.4 Servicing Arrangements

Refuse collection is proposed to take place with an RCV standing in the site exit driveway. BCC Transport Access Parking and Servicing Planning Scheme Policy (TAPS) outlines that for servicing off a minor road, on-site manoeuvring and full loading bay provision for the largest design service vehicle is not essential provided the following is provided for:

- > the design service vehicle can stand wholly contained within the site without occupying any designated queue areas, or blocking access to more than 50% of car parking spaces
- > any on-street manoeuvring by the design service vehicle can be limited to safe reversing onto the site in one movement only
- > the swept path of the design service vehicle may cover the overall width of a two-way undivided driveway

A swept path assessment for an RCV has been undertaken, which found that when servicing occurs, the RCV would be blocking the site exit. However, it is anticipated that all refuse collection will be arranged outside of operating hours of the offices, during very low traffic periods. Therefore, the refuse collection arrangement is acceptable.

It is also noted that RCVs will operate at a different location than the ambulances/MRVs, thus the operation of these vehicles is not expected to conflict. Bins are intended to be wheeled from the storage area to the RCV collection area in the driveway when being serviced. Refer to the swept path sketches for detail illustration.

4.5.5 Carpark Design

Cardno, now Stantec has undertaken a design review of the car park changes against the relevant design guidelines, and the compliance has been summarised in Table 4-6.

Table 4-6 Car Park Design Compliance

Design Criteria Description	AS2890.1 Standard	Proposed Design	AS2890.1 Compliance
Bay length – standard	5.4m	5.4m	✓
Bay width – staff (class 1A) / visitor (class 3)	2.4m / 2.6m	2.6m – 3.0m	√
Bay width – PWD	2.4m plus 2.4m shared area	2.4m plus 3.175m – 3.575m shared area	✓
Bay length – small	5.0m	5.0m	✓
Bay width – small	2.3m	2.3m	✓
Aisle width – staff (class 1A) / visitor (class 3)	5.8m	5.855m – 6.2m	✓
Two-way roadway / ramp width	5.5m between kerbs + 0.5m clearance on either side	6.2m – 7.0m including 0.5m clearance to the outside kerb, 0.3m clear to the inside of the curve and 0.6m between paths	✓
Ramp gradient	Max 1:4 plus 1:8 transition	Max 1:6 plus 1:8 transition	√
Service Bay – MRV	8.8m x 4.5m x 3.5m	8.96m x 4.5m x 3.5m	✓

As shown in Table 4-6, the proposed car park design generally satisfies the minimum requirements. However, the below points are noted:

- > All car parking bays are at least 2.6m wide and are therefore suitable to be staff or visitor bays, once allocated, which future proofs the development.
- > The location of the Ground Floor service bay allows enough space for an MRV to safely manoeuvre in and out of the bay. In the case where a vehicle comes down the ramp from Levels 2-4 while MRV manoeuvring is occurring, it is expected that the vehicle coming up the ramp will give way to the MRV. As the MRV manoeuvre will only take a short amount of time, it is not expected that this will cause any significant impact on the operations of the carpark. Furthermore, this arrangement is in line with multiple other developments, and as such, not considered to be a significant issue.
- > There is no turnaround bay provided at the terminated aisle on Level 4. However, in accordance with BCC TAPS, an 8m aisle is provided directly behind the last parking space, therefore making this compliant and removing the need for a dedicated turnaround bay.

Cardno, now Stantec has undertaken a swept path assessment to demonstrate the suitability of the proposed car park design, which indicates that vehicles can safely manoeuvre through the car park.

The swept paths can be found in Appendix B.

4.5.6 Bicvcle Parking

The proposed development is comprised of a hospital over the bunker and levels 5, 6 and 7, with levels 8 to 14 comprising of mixed/commercial uses. Council's Transport Code does not specify a bicycle parking requirement for medical centres or health care services, therefore the bicycle parking requirements for a hospitals from the code have been adopted and summarised in Table 4-7 below.

For the purpose of considering bicycle spaces and allowing the interchange of uses in the future for levels 8 to 14, the applicable rates for an office have been applied and are also shown in Table 4-7.

Table 4-7 Bicycle Parking Requirements - Stage 1 only

Land Use	Yield	Bicycle Parking Rate	Bicycle Parking Requirement
Hospital	26 overnight beds	For employees: > 1 lockable, secure bicycle parking space per 15 beds for employees	2 employee spaces
		For visitors:	1 visitor space

Land Use	Yield	Bicycle Parking Rate	Bicycle Parking Requirement
		 1 lockable bicycle parking space per 30 beds for visitors in an area of high casual surveillance 	
		For employees:	
		> 1 lockable bicycle space per 200m² gross floor area in an area that is secured or has a high level of casual surveillance	37 employee spaces
Office	7,381m²	For visitors:	
		> 1 lockable bicycle parking space per 500m² of which is situated close to building entrance in a location that is obvious from the street frontage and has a high level of casual surveillance	15 visitor spaces

As shown in Table 4-7, application of the above parking rates indicates that the proposed development requires a minimum of 40 employee bicycle parking spaces and 16 visitor bicycle parking space. The development provides 39 employee bicycle parking spaces, 6 visitor bicycle parking spaces and end of trip facilities, including 78 lockers, 7 showers and 3 toilets. Further 10 visitor bicycle spaces will be provided on the northern side of Murray Street upon agreeing a location with EDQ.

It is expected that the provision will sufficiently service the entire development. Furthermore, it is anticipated that this provision will be suitable to cater to future demand.

The bicycle parking spaces will be provided at ground level, which will avoid the need to use the ramps to access bicycle storage bays and the end of trip facilities.

4.6 Summary

Cardno (now Stantec) has been engaged by Gansons Pty Ltd, Ganboys Pty Ltd & Ganbros Pty Ltd to provide traffic engineering advice in relation to the proposed mixed-use development located at 12-18 Thompson Street, Bowen Hills.

Based on the assessment, Cardno (now Stantec) has the following findings:

- > The development proposes four mixed used towers over four stages. Stage one provides Tower 1 which includes a proposed hospital and combination of mixed uses.
- > Based on the GFA of Tower 1, the number of carparking spaces complies with the maximum parking rate outlined in the TAPS policy.
- > It is not expected that the development peak hours will line up with the peak hours of the surrounding intersections and local road network. Additionally, the AM and PM peak vehicle trip generation of the hospital is far less than what the development was previously approved for, therefore the impacts to the safety and efficiency of the local network are expected to be minimal.
- > The design of the ground floor has been amended to incorporate the following:
 - Direct all vehicles to enter via the southern access and exit via the northern access. The driveway
 widths have been amended accordingly
- > The proposed access has been designed with a separated entry and exit driveway crossover (i.e. Entry 6.2m / Exit 7.0m), with sufficient spacing between adjacent intersections on either side. There is sufficient sight distance to observe oncoming traffic from both directions.
- > The proposed car park and servicing area design generally comply with BCC TAPS and a swept path analysis has been undertaken which demonstrate the design is suitable.
- > The swept path assessment demonstrates that an MRV can access the site as required. Refuse collection is proposed to take place in the site exit driveway, which blocks the site exit when servicing is taking place. However, this is compliant with Council's planning scheme. Furthermore, refuse collection will be undertaken outside of building operating hours, therefore this arrangement is deemed acceptable. Refer to Appendix B for swept paths.
- > The design is generally compliant with Council and Australian Standards and allows safe and efficient manoeuvring of design vehicles.

Overall, Cardno, now Stantec believes that the traffic characteristics associated with the proposed development will enable both safe and efficient operation and is not anticipated to have a significant impact on the surrounding road network.

APPENDIX



DEVELOPMENT PLANS



now



12-16 THOMPSON ST, BOWEN HILLS 4006 - HQ2

MAY 2022



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11	UPDATED DRAWINGS FOR DA	01.06.22		-		
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13	ISSUE FOR INFORMATION	13.09.22	DA	QL		
14	WORK IN PROGRESS	23.09.22	VM	QL		
15	WORK IN PROGRESS	24.09.22	DA	QL		
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17	FOR INFORMATION	14.11.22	DA	QL		
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SUMMARY TOWER 1 - GFA			
Level	Name	Area	
LOWER GROUND	BUNKER	1528 m²	
GROUND FLOOR			

LOWER GROUND	BUNKER	1528 m ²
GROUND FLOOR	RETAIL	194 m²
GROUND FLOOR	RETAIL	68 m²
LEVEL 2 - PODIUM CARPARK	MEZZANINE	121 m ²
LEVEL 5 - TRANSITION	COMMERCIAL	1437 m ²
LEVEL 6 - TOWER	COMMERCIAL	729 m ²
LEVEL 7 - TOWER	COMMERCIAL	1117 m ²
LEVEL 8 - TOWER	COMMERCIAL	1125 m ²
LEVEL 9 - TOWER	COMMERCIAL	1125 m ²
LEVEL 10 - TOWER	COMMERCIAL	1125 m ²
LEVEL 11 - TOWER	COMMERCIAL	1131 m ²
LEVEL 12 - TOWER	COMMERCIAL	1125 m ²
LEVEL 13 - TOWER	COMMERCIAL	1131 m ²
LEVEL 14 - ROOF TERRACE	COMMERCIAL	619 m ²
Grand total		12576 m ²

SUMMARY TOWER 1 - NLA		
Level	Name	Area
LOWER GROUND	BUNKER	1331 m ²
GROUND FLOOR	RETAIL A	185 m ²
GROUND FLOOR	RETAIL B	68 m²
LEVEL 2 - PODIUM CARPARK	RETAIL B	114 m²
LEVEL 5 - TRANSITION	COMMERCIAL	1405 m ²
LEVEL 6 - TOWER	COMMERCIAL	708 m ²
LEVEL 7 - TOWER	COMMERCIAL	1095 m ²
LEVEL 8 - TOWER	COMMERCIAL	992 m²
LEVEL 9 - TOWER	COMMERCIAL	992 m²
LEVEL 10 - TOWER	COMMERCIAL	992 m²
LEVEL 11 - TOWER	COMMERCIAL	998 m²
LEVEL 12 - TOWER	COMMERCIAL	992 m²
LEVEL 13 - TOWER	COMMERCIAL	1098 m ²
LEVEL 14 - ROOF TERRACE	COMMERCIAL	586 m ²
Grand total	,	11558 m²

GROSS FLOOR AREA HAS BEEN MEASURED FROM THE OUTSIDE OF THE EXTERNAL WALLS AND THE CENTRE OF ANY COMMON WALLS OF THE BUILDING, OTHER THAN AREAS USED FOR

- A. Building services, plant or equipment; or
- B. access between levels; or
- C. a ground floor public lobby; or
- D. a mall; or
- E. parking, loading or manoeuvring vehicles; or
- F. unenclosed private balconies, whether roofed or not.

*NOTE:

NET LETTABLE AREA HAS BEEN MEASURED FROM THE INTERNAL FINISHED SURFACES OF PERMANENT INTERNAL WALLS AND THE INTERNAL FINISHED SURFACES OF DOMINANT PORTIONS OF THE PERMANENT OUTER BUILDING WALLS.

EXCLUDED FROM THE LETTABLE AREA OF EACH TENANCY ARE:

- stairs;
- access ways;
- fire stairs;
- toilets;
- lift shafts;
- esculators;
- plant/motor rooms;
- areas dedicated as public spaces or thorough fares such as foyers, atria and access ways in lift and building service areas;
- Balconies, terraces, planter boxes, verandahs, awnings and covered areas should be excluded from the tenancy area calculations, but may be measured and separately identified for the purpose of negotiating rentals.

SUMMARY TOWER 1 - LANDSCAPE			
Level	Name	Area	
GROUND FLOOR	PLANTERS	75 m²	
LEVEL 1 - MEZZANINE	PLANTERS	31 m ²	
LEVEL 2 - PODIUM CARPARK	PLANTERS	79 m²	
LEVEL 3 - PODIUM CARPARK	PLANTERS	71 m ²	
LEVEL 4 - DODILIM CADDADK	DI ANITEDO	130 m2	

LEVEL 1 - MEZZANINE	PLANTERS	31 m²
LEVEL 2 - PODIUM CARPARK	PLANTERS	79 m²
LEVEL 3 - PODIUM CARPARK	PLANTERS	71 m ²
LEVEL 4 - PODIUM CARPARK	PLANTERS	139 m²
LEVEL 6 - TOWER	PLANTERS	173 m ²
LEVEL 7 - TOWER	PLANTERS	77 m ²
LEVEL 8 - TOWER	PLANTERS	5 m ²
LEVEL 9 - TOWER	PLANTERS	4 m²
LEVEL 10 - TOWER	PLANTERS	4 m ²
LEVEL 12 - TOWER	PLANTERS	4 m ²
LEVEL 14 - ROOF TERRACE	PLANTERS	203 m ²
Grand total		866 m ²

SUMMARY MASTERPLAN - LANDSCAPE				
Level	Name	Area		
GROUND * LANDSCAPE 4366m ² *				

TOWER 1 PLANTERS INCLUDED IN MASTERPLAN LANDSCAPE TOTAL.

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22	ISSUE FOR INFORMATION	13.09.22	DA	Q
23	UPDATED ROOF TERRACE	14.09.22	DA	Q
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26	WORK IN PROGRESS	24.09.22	DA	Q
27	WORK IN PROGRESS	07.10.22	DA	Q
28	WORK IN PROGRESS	25.10.22	DA	Q
29	FOR INFORMATION	14.11.22	DA	Q

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Drawing AREA SUMMARY

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24	FOR INFORMATION	15.12.22	DA
23	FOR INFORMATION	14.11.22	DA
22	ISSUE FOR INFORMATION	13.09.22	DA
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17	UPDATED DRAWINGS ISSUE	25.03.22	
16	DA ISSUE	14.03.22	
15	COORDINATION	01.03.22	
14	PENTHOUSE LEVEL	11.02.22	
Issue	Description	Date	Chk

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TOWER 1 ENTRY FROM THOMPSON STREET

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14	PENTHOUSE LEVEL	11.02.22	
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17	UPDATED DRAWINGS ISSUE	25.03.22	
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20	UPDATED DRAWINGS FOR DA	01.06.22	
21	100% SD PACK	08.07.22	DA
22	ISSUE FOR INFORMATION	13.09.22	DA
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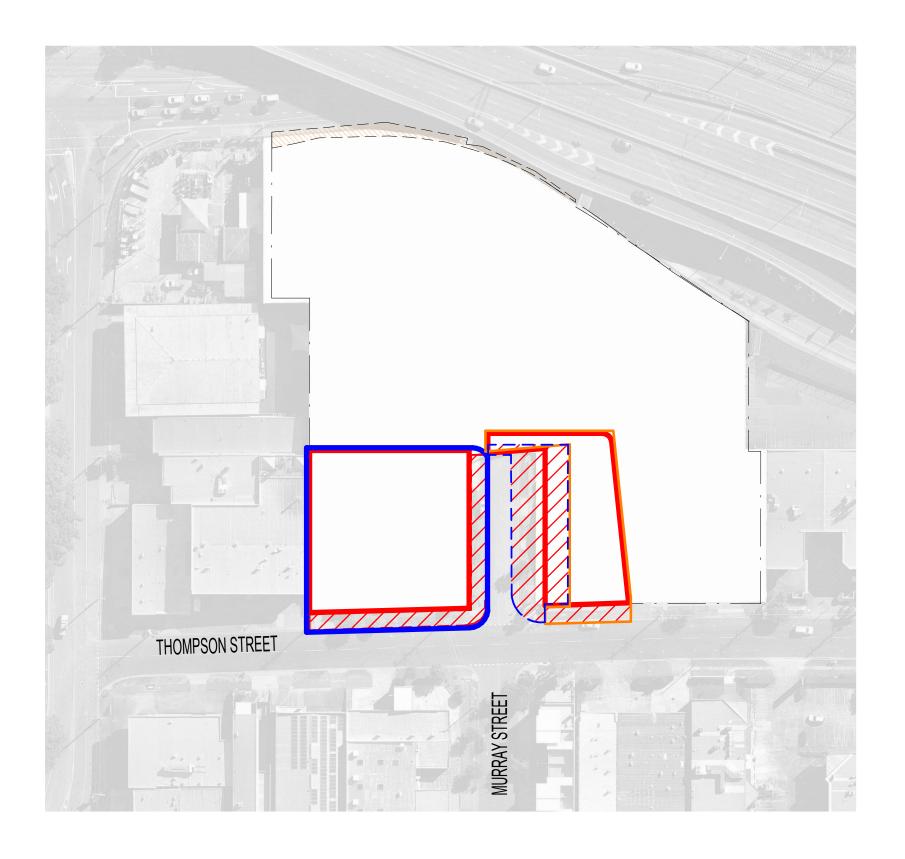
TOWER 1 ENTRY FROM MURRAY STREET

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1 SITE PLAN - OVERALL

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SITE PLAN (FOCUSED)



TOWER 1 - SITE EXTENT (PRIVATE LAND)



TOWER 1 - ASSOCIATED WORKS IN ROAD RESERVE

STAGES



STAGE 1A - TOWER 1 & ADJACENT VERGE WORKS



STAGE 1B - INTERIM PARK & ROAD RESERVE IMPROVEMENTS



STAGE 1C - ULTIMATE PARK



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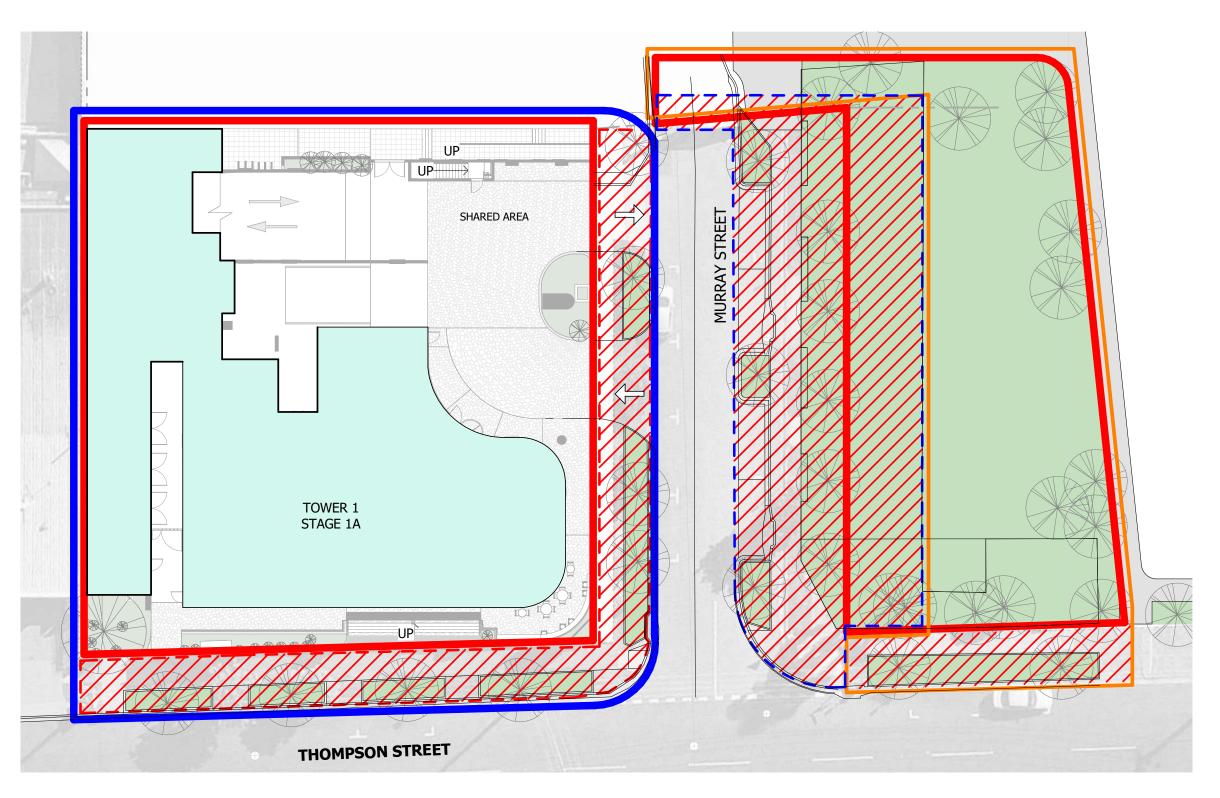
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Issue 8

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SITE PLAN - ULTIMATE PARK & ROAD RESERVE 1:300

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SITE PLAN (FOCUSED)



TOWER 1 - SITE EXTENT (PRIVATE LAND)



TOWER 1 - ASSOCIATED WORKS IN ROAD RESERVE

STAGES



STAGE 1A - TOWER 1 & ADJACENT VERGE WORKS



STAGE 1B - INTERIM PARK & ROAD RESERVE IMPROVEMENTS



STAGE 1C - ULTIMATE PARK



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3	DESIGN DEVELOPMENT	07.10.21		
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SITE PLAN - ULTIMATE PARK & ROAD RESERVE

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Drawing LOWER GROUND

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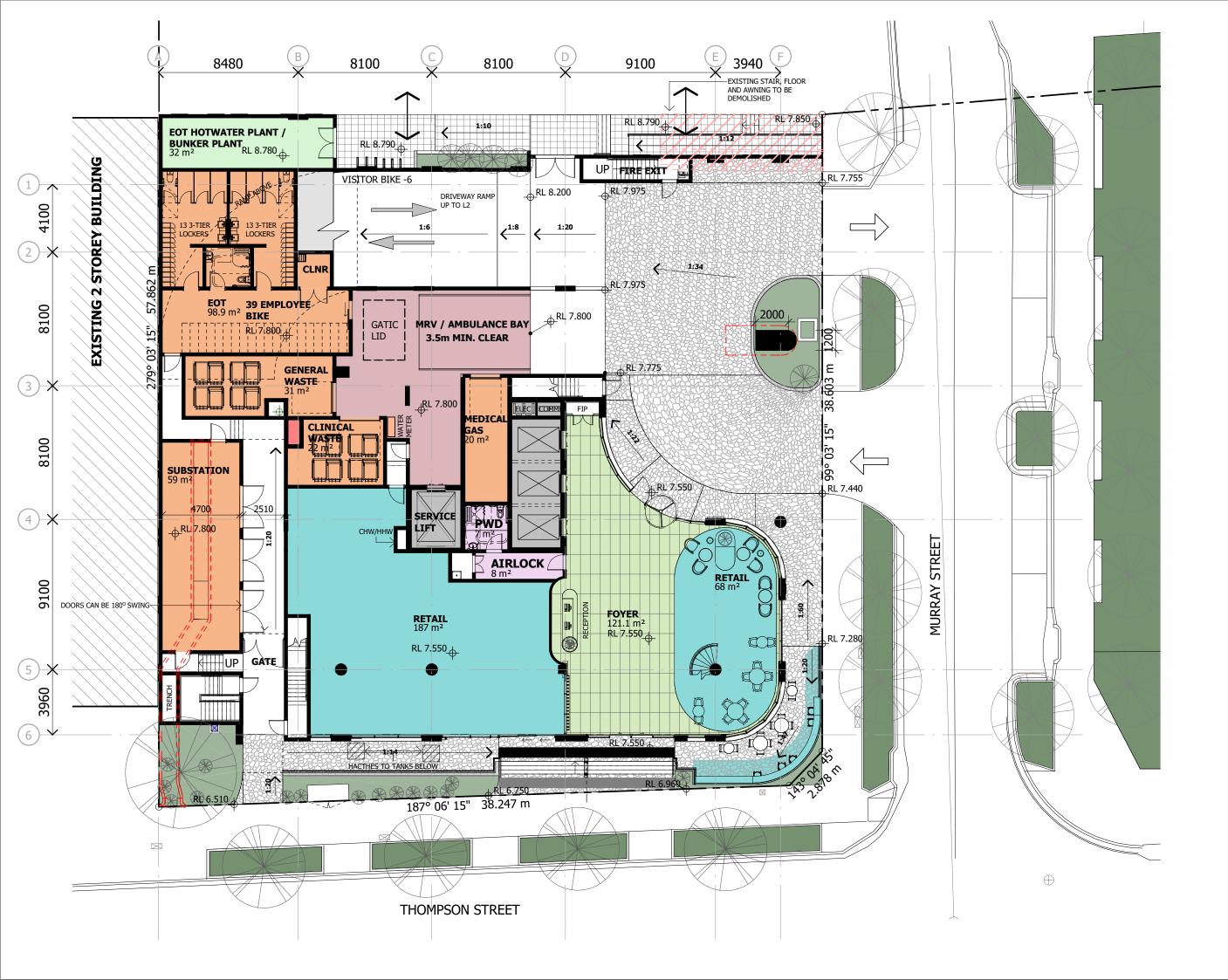
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Drawing LOWER GROUND -MEZZANINE

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- RETAIL AND COMMERCIAL AREAS ON PLAN INDICATE NET LETTABLE AREA (NLA).



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46	TRENCH UPDATE	14.09.22	DA	QL
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53	FOR INFORMATION	14.11.22	DA	QL
54	FOR INFORMATION	14.12.22	DA	QL

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GROUND FLOOR

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40	UPDATED DRAWINGS	19.07.22	DA	QL
39	UPDATED DRAWINGS	12.07.22	DA	QL
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Drawing LEVEL 2 - TYPICAL CARPARK

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- RETAIL AND **COMMERCIAL AREAS** ON PLAN INDICATE NET LETTABLE AREA (NLA).



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	FOR INFORMATION	14.12.22	DA	QL

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Drawing LEVEL 3 - TYPICAL CARPARK

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Drawing Number DD-103 1ssue 47



- RETAIL AND **COMMERCIAL AREAS** ON PLAN INDICATE NET LETTABLE AREA (NLA).



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37	UPDATED FLOOR PLANS	22.06.22	DA	QL
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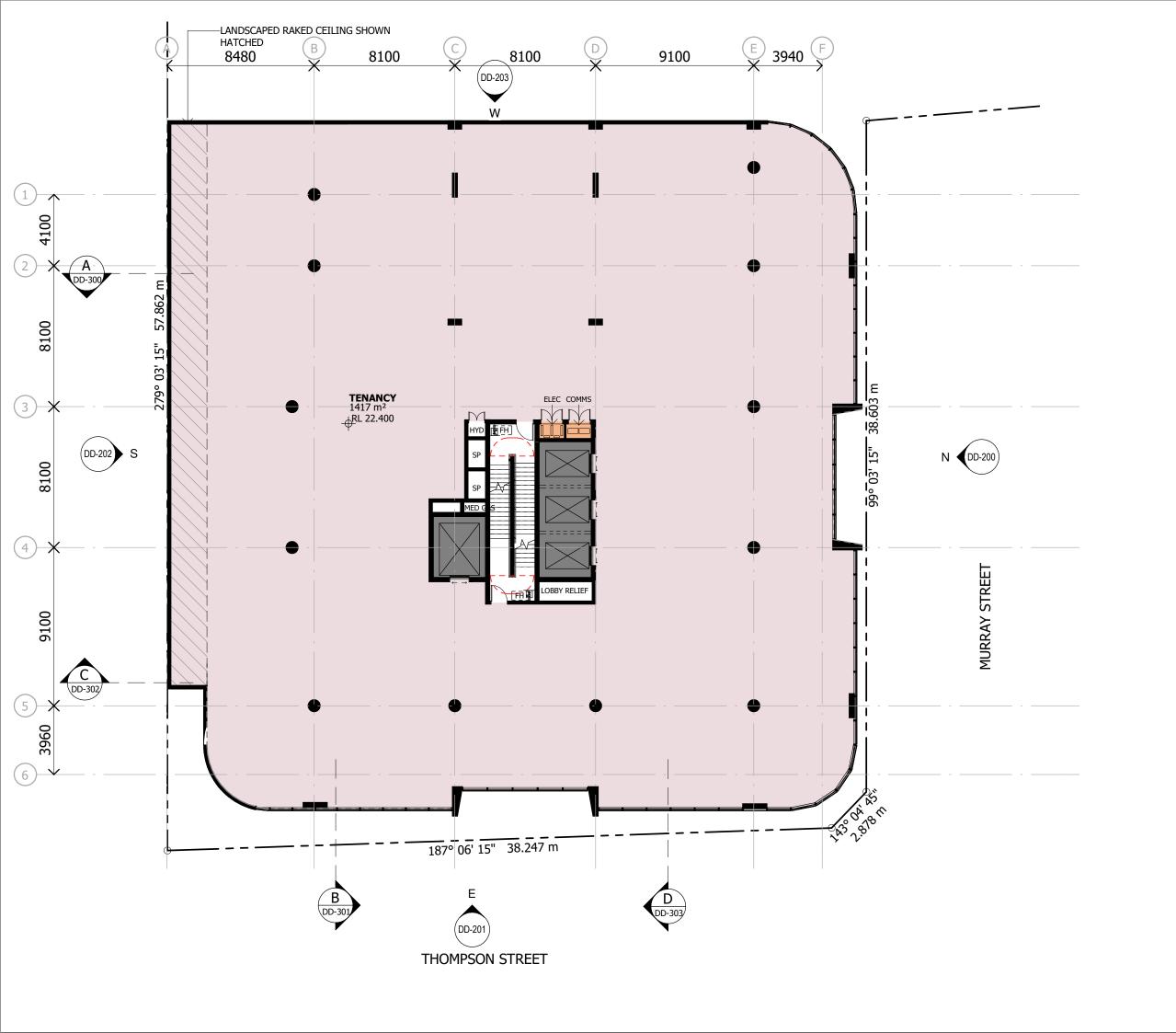
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Drawing LEVEL 4 - TYPICAL CARPARK

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Drawing Number DD-104



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- RETAIL AND **COMMERCIAL AREAS** ON PLAN INDICATE NET LETTABLE AREA (NLA).



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Drawing LEVEL 5 - TOWER (LOWER)

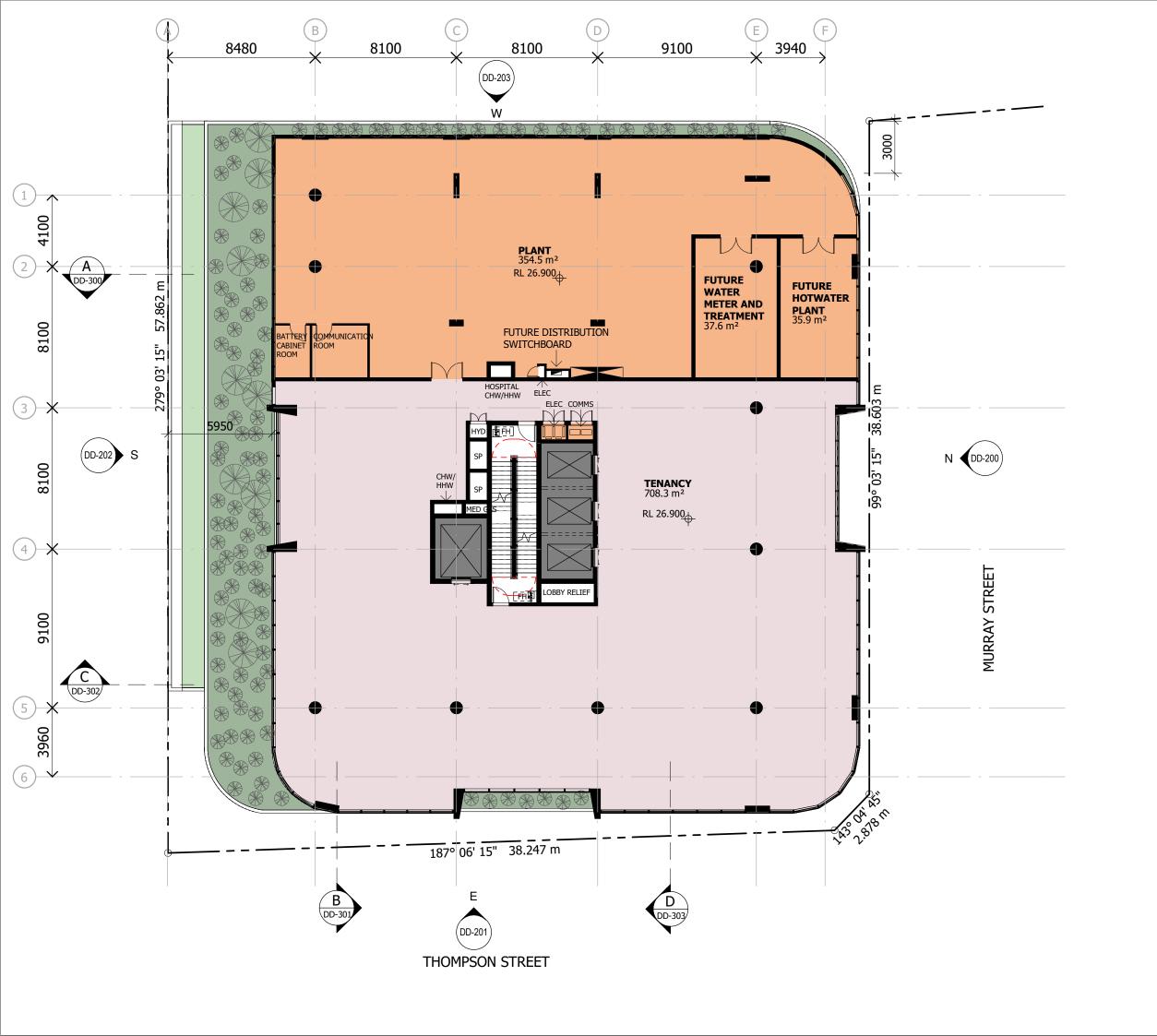
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Drawing Number DD-105

38





*NOTE:

- TOWER TYPICAL PLAN (TYPE A) IS APPLIED TO LEVELS 8, 10, 11 & 13
- TOWER TYPICAL PLAN (TYPE B) IS APPLIED TO LEVELS 9 & 12.



SCHEMATIC DESIGN

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Drawing LEVEL 6 - TOWER

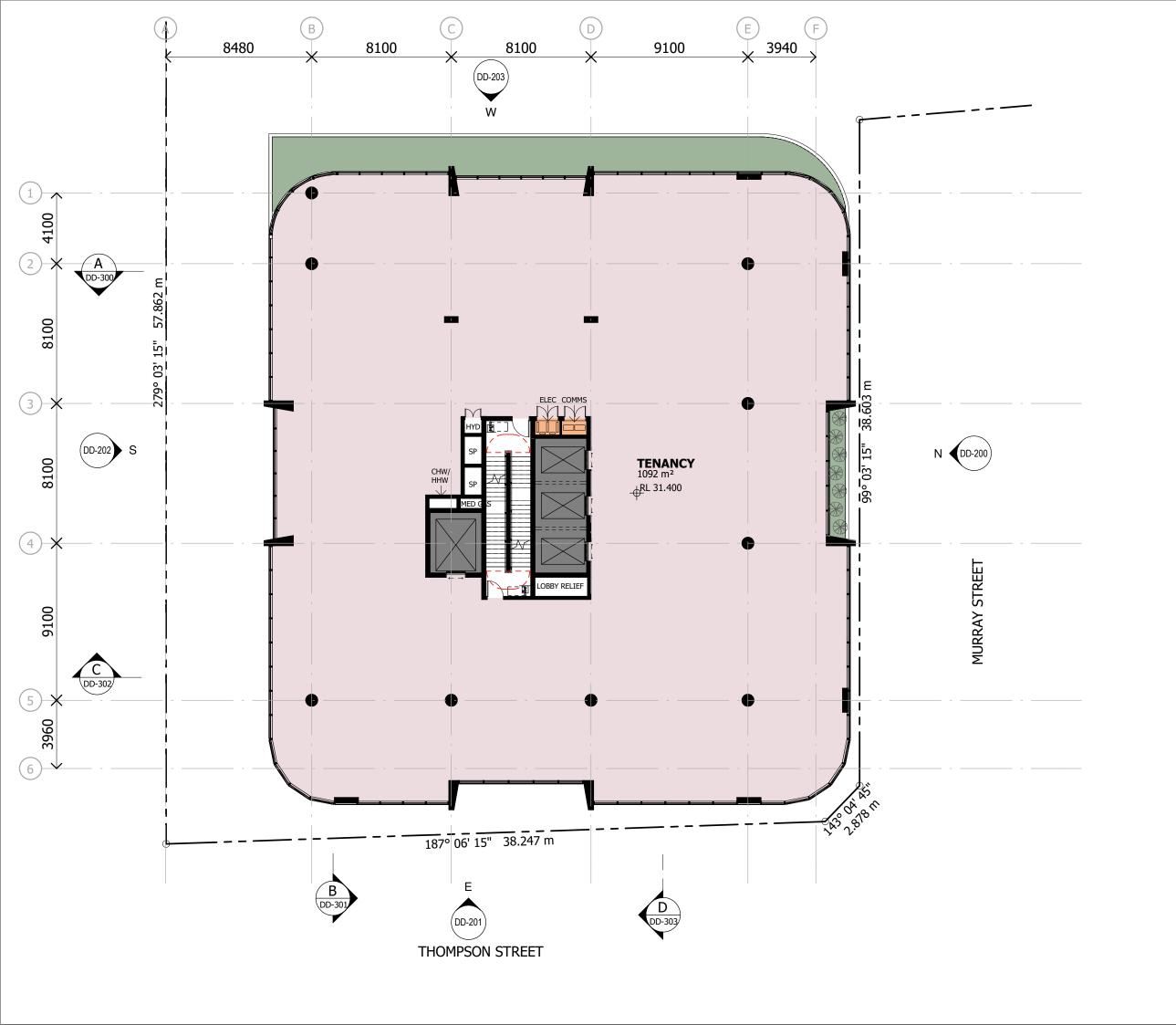
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UPDATED DRAWINGS FOR DA	01.06.22		
UPDATED DRAWINGS FOR DA	25.05.22		

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Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

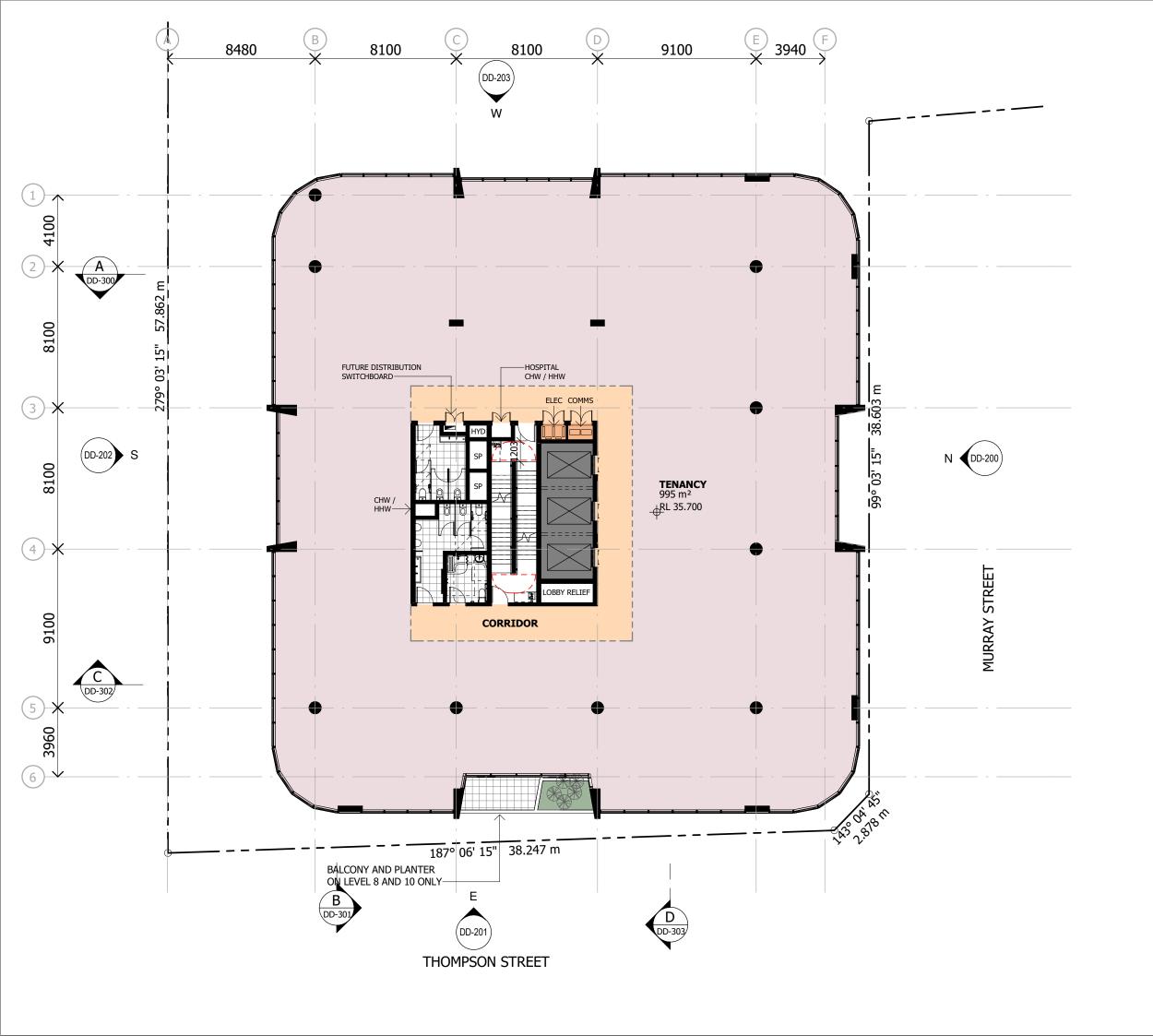
Drawing LEVEL 7 - TOWER

Scale (A3) 1:200

Drawing Number DD-108

Date Printed 12/15/2022 1:59:43 PM

Issue 3



Drawings are to be read in conjunction with all other contract documents.

*NOTE:

- RETAIL AND **COMMERCIAL AREAS** ON PLAN INDICATE NET LETTABLE AREA (NLA).



SCHEMATIC DESIGN

FOR INFORMATION	14.11.22	DA	QL	
WORK IN PROGRESS	21.10.22	DA	RB	
WORK IN PROGRESS	07.10.22	DA	QL	
WORK IN PROGRESS	24.09.22	DA	QL	
WORK IN PROGRESS	23.09.22	VM	QL	
ISSUE FOR INFORMATION	13.09.22	DA	QL	
100% SD PACK	08.07.22	DA	QL	
ELEVATION ISSUE FOR	29.06.22	DA	QL	

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Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

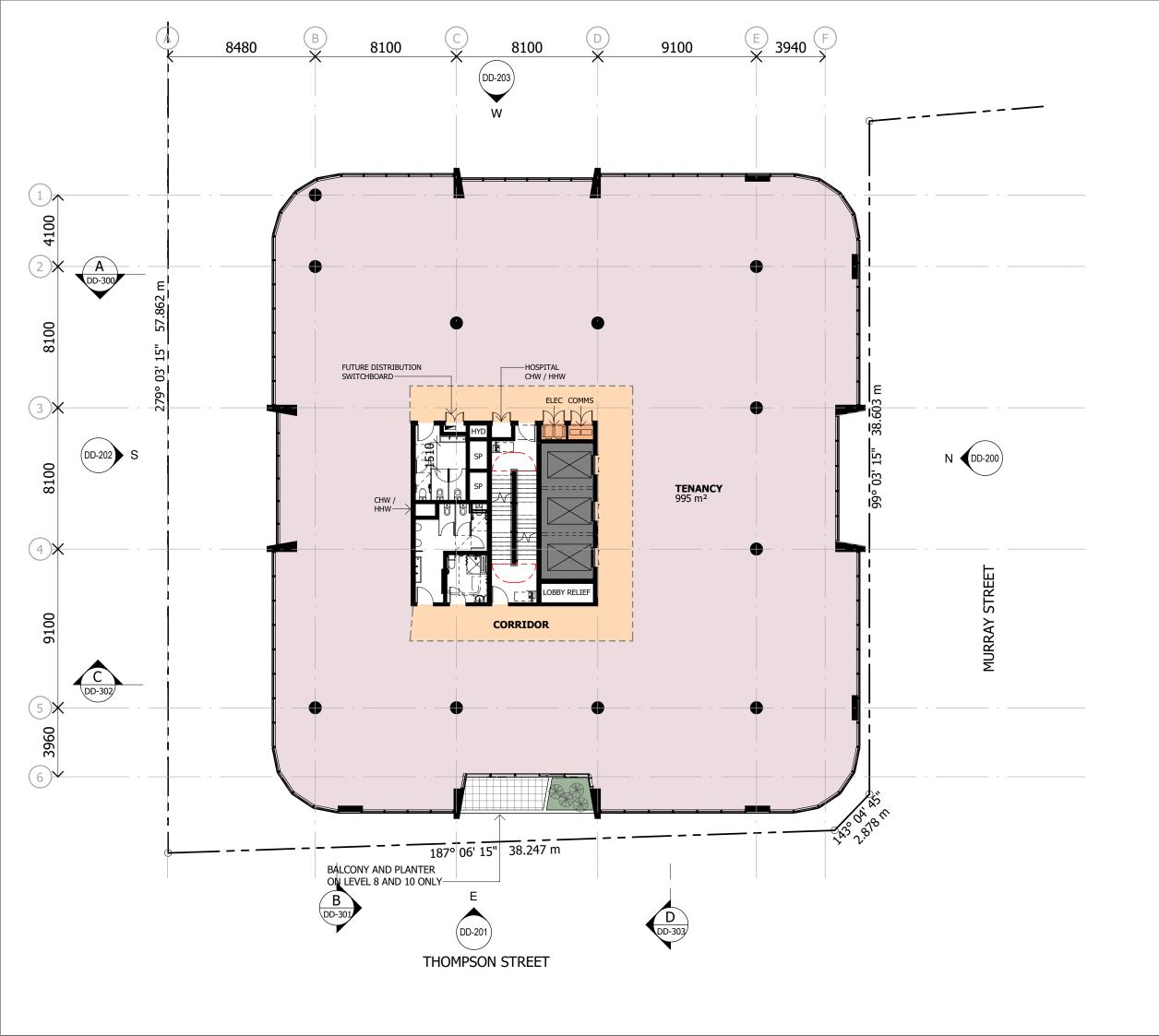
Drawing LEVEL 8 - TOWER

Scale (A3) 1:200

Date Printed 12/15/2022 2:09:10 PM

Issue 8





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*NOTE:

- TOWER TYPICAL PLAN (TYPE A) IS APPLIED TO LEVELS 8, 10, 11 & 13
- TOWER TYPICAL PLAN (TYPE B) IS APPLIED TO LEVELS 9 & 12.

LEVEL	RL
8	RL 35.700
10	RL 42.900
11	RL 46.500
13	RL 53.700



SCHEMATIC DESIGN

DI TO BE USED DURING CONSTRUCTION

7	FOR INFORMATION	14.11.22	DA	Q
5	WORK IN PROGRESS	21.10.22	DA	R
5	WORK IN PROGRESS	07.10.22	DA	Q
4	WORK IN PROGRESS	24.09.22	DA	Q
3	WORK IN PROGRESS	23.09.22	VM	Q
2	ISSUE FOR INFORMATION	13.09.22	DA	Q
1	100% SD PACK	08.07.22	DA	Q
0	UPDATED FLOOR PLANS	22.06.22	DA	Q
	UPDATED DRAWINGS FOR DA	01.06.22		
	UPDATED DRAWINGS FOR DA	25.05.22		

hitect/ Designer

dwp

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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

Drawing LEVEL 10,11,13 - TOWER TYPICAL (A)

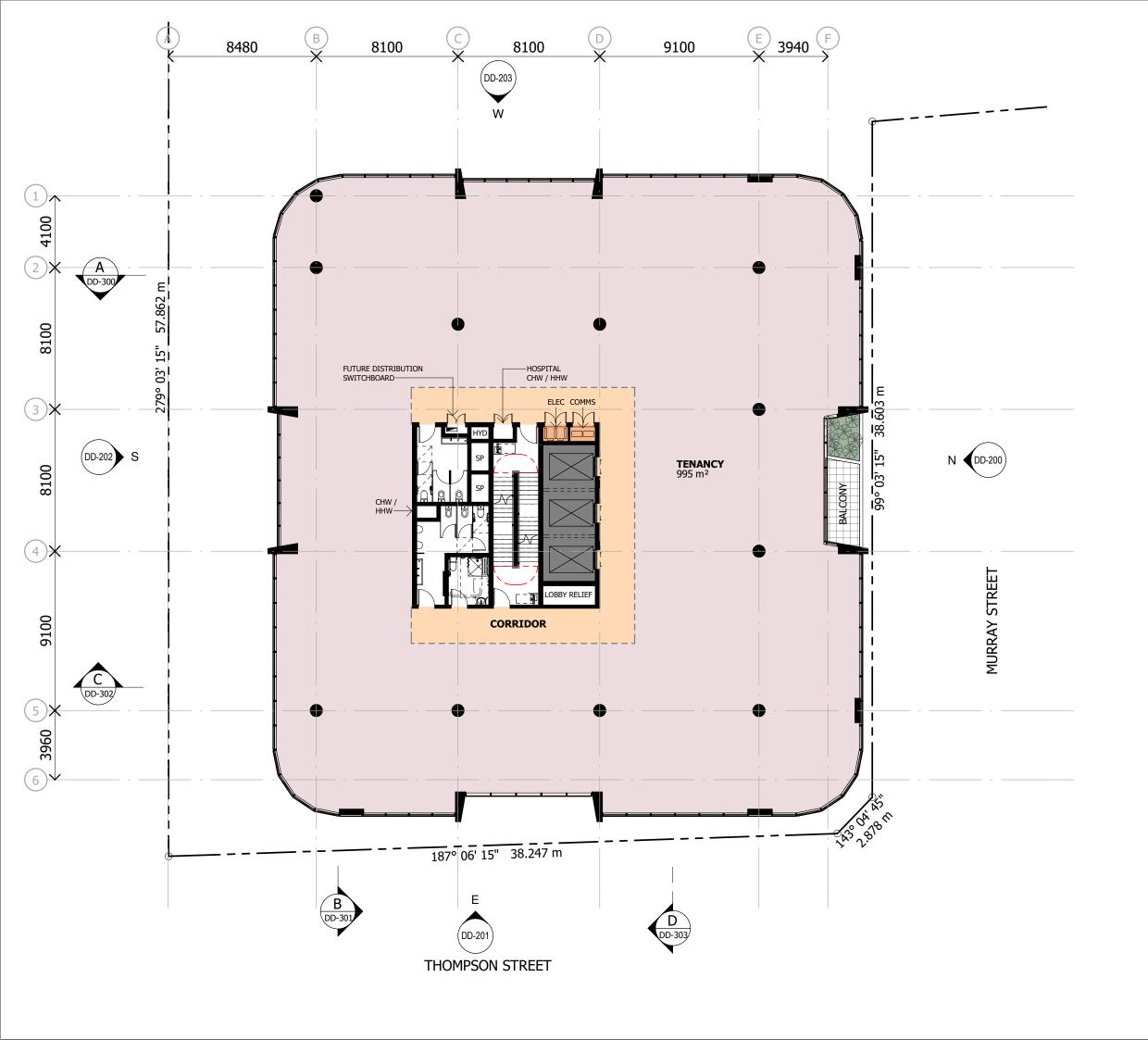
Scale (A3) 1:200

Date Printed 12/15/2022 1:59:54 PM

15sue

DD-111





Drawings are to be read in conjunction with all other contract documents.

*NOTE:

- TOWER TYPICAL PLAN (TYPE A) IS APPLIED TO LEVELS 8, 10, 11 & 13
- TOWER TYPICAL PLAN (TYPE B) IS APPLIED TO LEVELS 9 & 12.

F١	/FI	ı	R

RL 39.300 12 RL 50.100



SCHEMATIC DESIGN

FOR INFORMATION	14.11.22	DA	QL	
WORK IN PROGRESS	21.10.22	DA	RB	
WORK IN PROGRESS	07.10.22	DA	QL	
WORK IN PROGRESS	24.09.22	DA	QL	
WORK IN PROGRESS	23.09.22	VM	QL	
ISSUE FOR INFORMATION	13.09.22	DA	QL	
UPDATED DRAWINGS	12.07.22	DA	QL	
100% SD PACK	08.07.22	DA	QL	
UPDATED FLOOR PLANS	22.06.22	DA	QL	
UDDATED DRAUGUES FOR DA	04.00.33			

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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

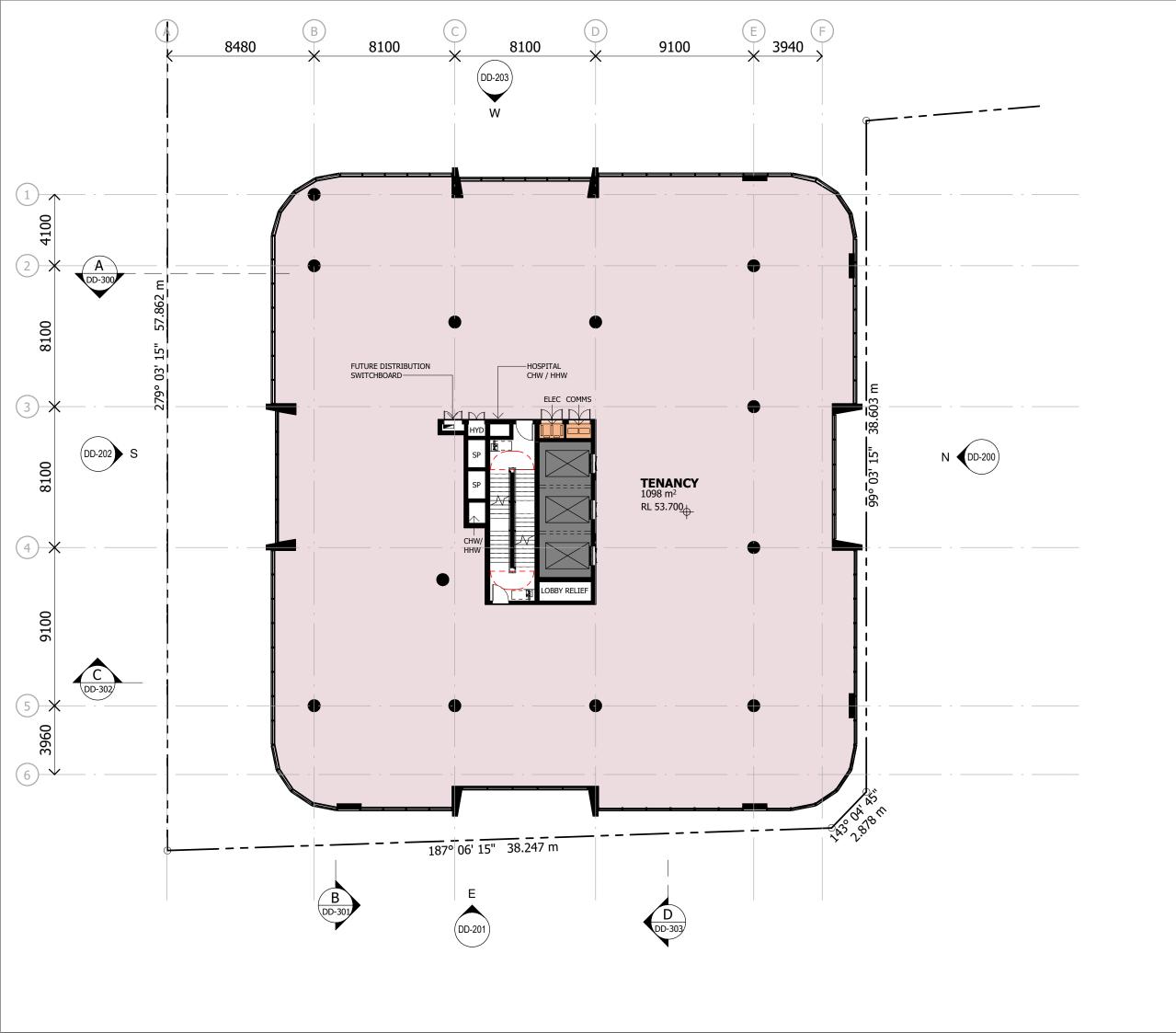
Drawing LEVEL 9 & 12 - TOWER TYPICAL (B)

Scale (A3) 1:200

Date Printed 12/15/2022 1:59:59 PM

42

Drawing Number DD-112



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*NOTE:

- RETAIL AND **COMMERCIAL AREAS** ON PLAN INDICATE NET LETTABLE AREA (NLA).



SCHEMATIC DESIGN

Archite	ct/ Designer			
Issue	Description	Date	Chk	Α
12	UPDATED FLOOR PLANS	22.06.22	DA	ς
13	100% SD PACK	08.07.22	DA	ς
14	UPDATED DRAWINGS	12.07.22	DA	Q
15	ISSUE FOR INFORMATION	13.09.22	DA	Q
	REVISION			
16	AREA CALCULATION	16.09.22	DA	Ç
17	WORK IN PROGRESS	23.09.22	VM	Ç
18	WORK IN PROGRESS	24.09.22	DA	ς
19	WORK IN PROGRESS	07.10.22	DA	ς
20	WORK IN PROGRESS	21.10.22	DA	R
21	FOR INFORMATION	14.11.22	DA	ς

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Project Number 22-0033

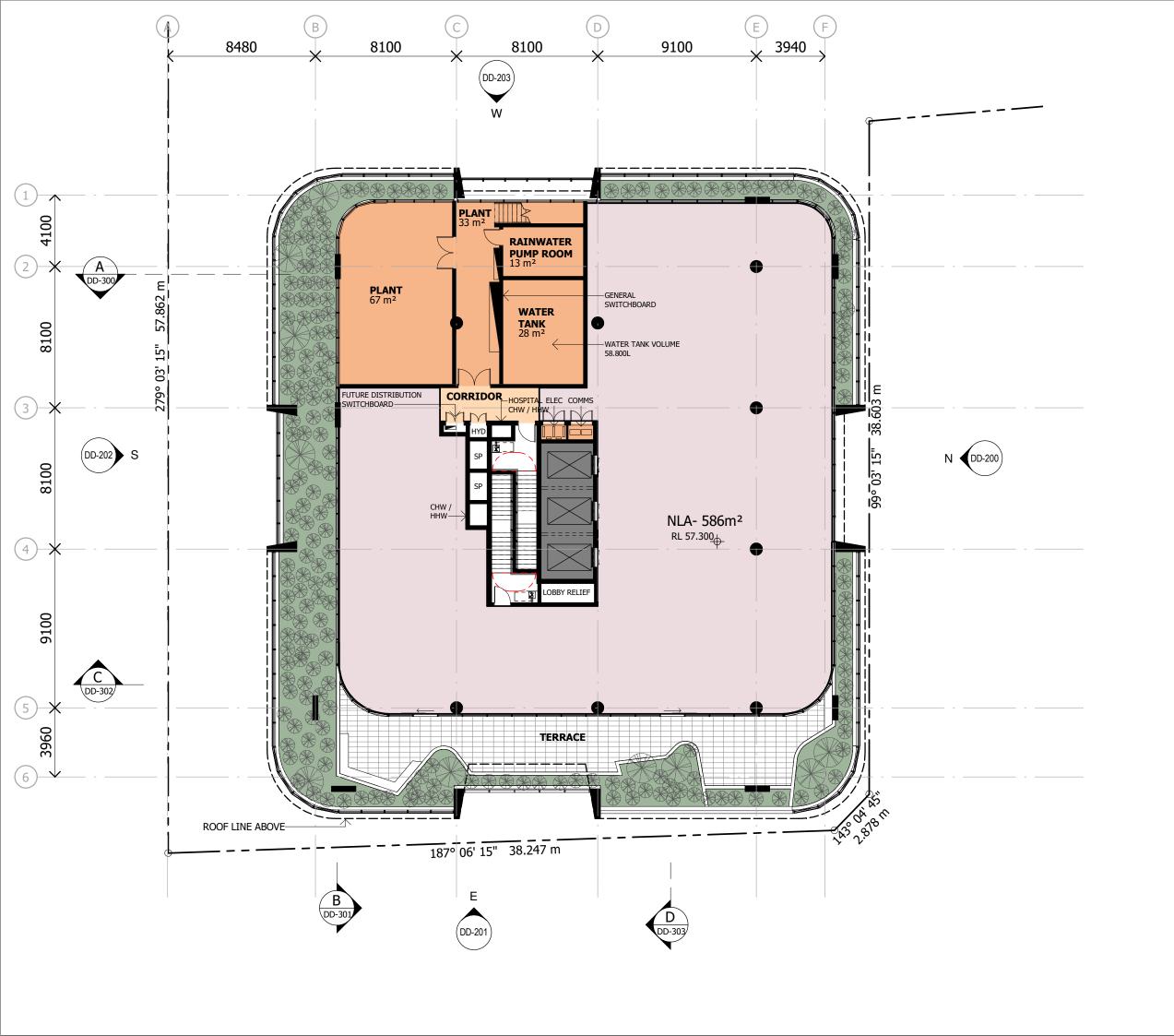
Drawing LEVEL 13 - TOWER

Scale (A3) 1:200

21

Date Printed 12/15/2022 2:00:04 PM





*NOTE:

- RETAIL AND **COMMERCIAL AREAS** ON PLAN INDICATE NET LETTABLE AREA (NLA).



SCHEMATIC DESIGN

7	FOR INFORMATION	14.11.22	DA	Q
5	WORK IN PROGRESS	21.10.22	DA	R
5	WORK IN PROGRESS	07.10.22	DA	Q
4	WORK IN PROGRESS	24.09.22	DA	Q
3	WORK IN PROGRESS	23.09.22	VM	Q
2	UPDATED ROOF TERRACE	14.09.22	DA	Q
1	ISSUE FOR INFORMATION	13.09.22	DA	Q
0	UPDATED RENDERS	05.09.22	DA	Q
9	100% SD PACK	08.07.22	DA	Q
В	UPDATED FLOOR PLANS	22.06.22	DA	Q
7	LIPDATED DRAWINGS FOR DA	01 06 22		

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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

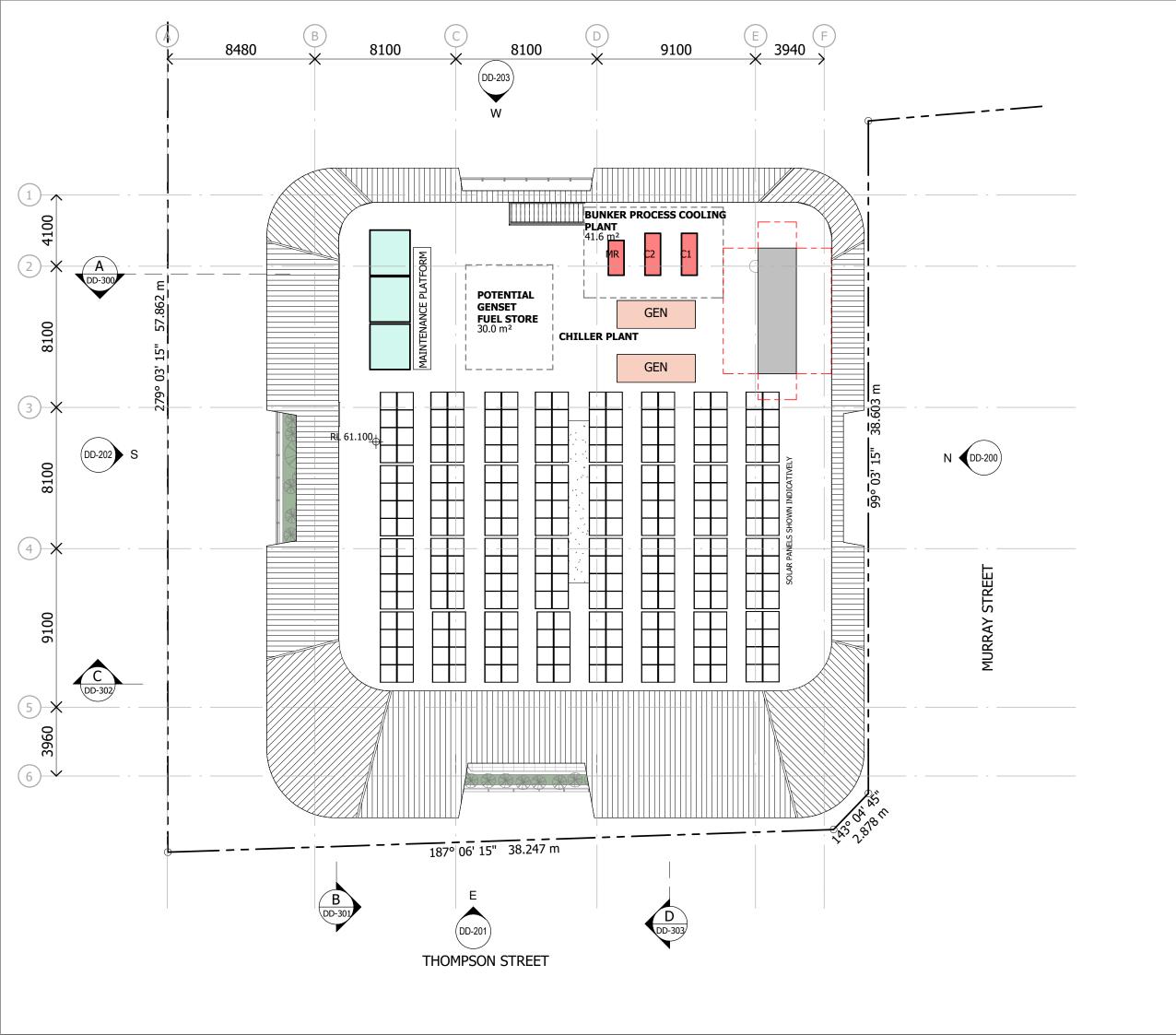
Drawing LEVEL - ROOF TERRACE

Scale (A3) 1:200

Drawing Number DD-114

Date Printed 12/15/2022 2:00:09 PM 1ssue 47





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*NOTE:

- RETAIL AND COMMERCIAL AREAS ON PLAN INDICATE NET LETTABLE AREA (NLA).



SCHEMATIC DESIGN

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FOR INFORMATION	14.11.22	DA	QL	
WORK IN PROGRESS	21.10.22	DA	RB	
WORK IN PROGRESS	07.10.22	DA	QL	
WORK IN PROGRESS	24.09.22	DA	QL	
WORK IN PROGRESS	23.09.22	VM	QL	
ISSUE FOR INFORMATION	13.09.22	DA	QL	
100% SD PACK	08.07.22	DA	QL	
UPDATED FLOOR PLANS	22.06.22	DA	QL	
UPDATED DRAWINGS FOR DA	01.06.22			
UPDATED DRAWINGS FOR DA	25.05.22			

Description Date ect/ Designer

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Owner

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Project Number 22-0033

Drawing LEVEL - ROOF PLAN

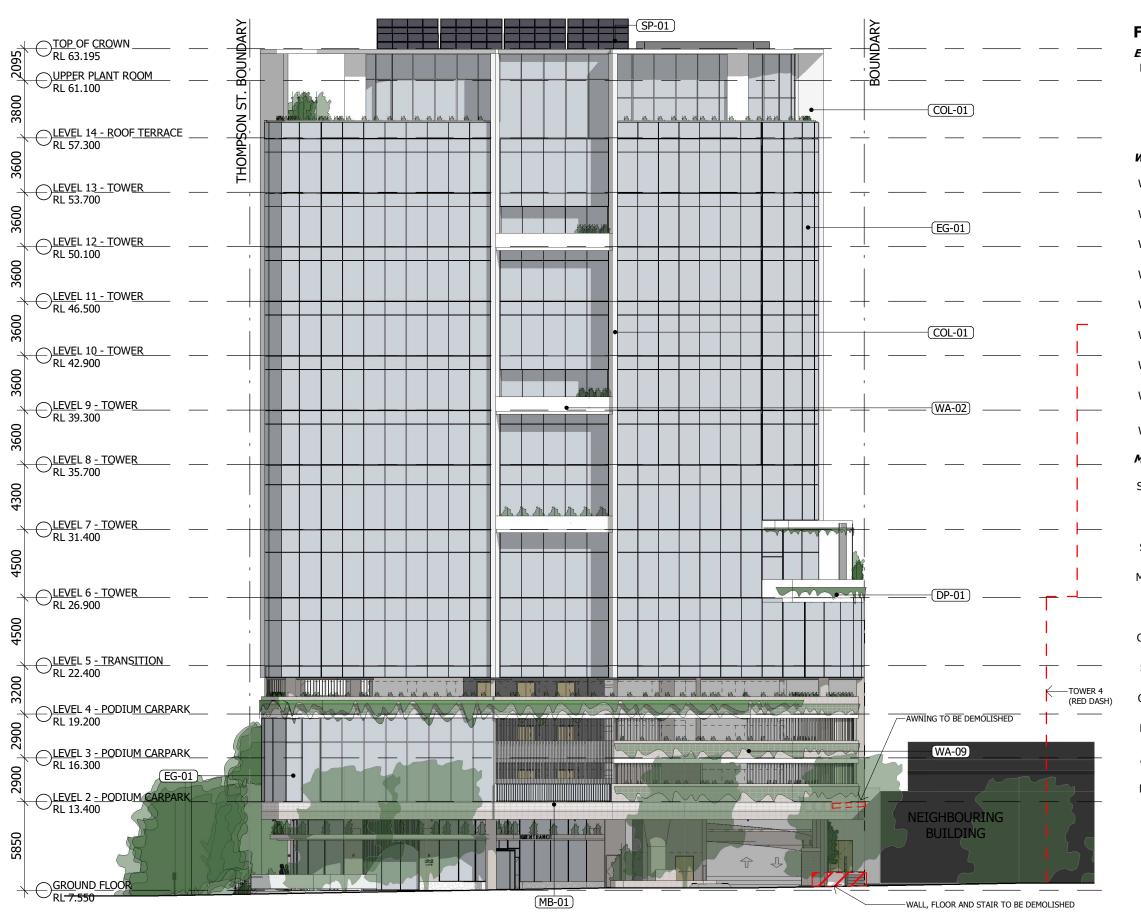
Scale (A3)

Date Printed 12/15/2022 2:00:15 PM

Drawing Number

12 ssue





FINISH CODES

EXTERNAL GLASS FINISHES

EG - 01 FULL HEIGHT GLAZING SYSTEM LIGHT BLUE GLAZING

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WALL FINISH

WA - 01	EXPRESSED CONCRETE; PAINTER (VIVID WHITE)
WA - 02	BLOCKWORK; RENDERED AND PAINTED (VIVID WHITE)
WA - 03	BLOCKWORK; RENDERED AND PAINTED (MONUMENT)
WA - 04	BLOCKWORK; RENDERED AND PAINTED (NATURAL WHITE)
WA - 05	BLOCKWORK; RENDERED AND PAINTED (MALAY GREY)
WA - 06	BLOCKWORK; RENDERED AND PAINTED (LEADMAN)
WA - 07	BLOCKWORK; RENDERED AND PAINTED (ACCORD)
WA - 08	BLOCKWORK; RENDERED AND PAINTED (GUILD GREY)
WA - 09	BRICK WORK - WHITE FINISH

MISC

SCR - 01 FEATURE BLADES TO PODIUM; POWDERCOAT WHITE (100x50)

SG - 01 BUILDING SIGNAGE

MRS - 01 METAL ROOF SHEETING

W - 01 GLAZED WINDOW; ALUMINIUM FRAME

COL - 01 COLUMN; PAINTED FINISH

SP - 01 SOLAR PANELS

GW - 01 GREEN WALL

DP - 01 DEEP PLANTER

AS - 01 ACOUSTIC SCREENING

MB - 01 METAL BALUSTRADE

SCHEMATIC DESIGN

dwp	٠ .			
Archite	ct/ Designer			
Issue	Description	Date	Chk	Auth
30	UPDATED DRAWINGS FOR DA	25.05.22		
31	UPDATED DRAWINGS FOR DA	01.06.22		
32	ELEVATION ISSUE FOR REVIEW	29.06.22	DA	QL
33	100% SD PACK	08.07.22	DA	QL
34	UPDATED DRAWINGS	19.07.22	DA	QL
35	ISSUE FOR INFORMATION	13.09.22	DA	QL
36	WORK IN PROGRESS	23.09.22	VM	QL
37	WORK IN PROGRESS	07.10.22	DA	QL

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Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

ELEVATION - NORTH

Date Printed 12/15/2022 2:00:38 PM

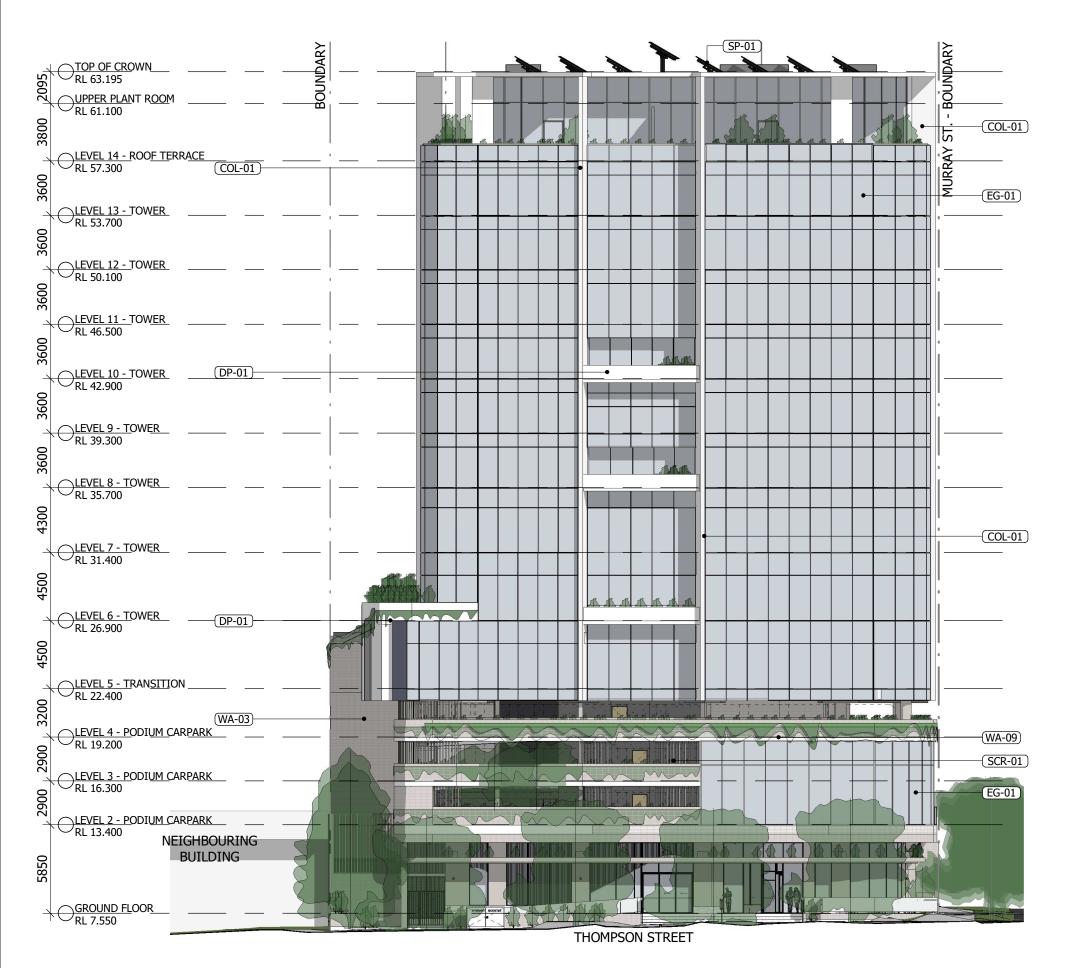
39

Scale (A3) As indicated

DD-200



NORTH ELEVATION - MURRAY STREET 1:250



E EAST ELEVATION - THOMPSON STREET 1: 250

FINISH CODES

EXTERNAL GLASS FINISHES

EG - 01 FULL HEIGHT GLAZING SYSTEM LIGHT BLUE GLAZING

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WALL FINISH

WA - 01	EXPRESSED CONCRETE; PAINTEI (VIVID WHITE)
WA - 02	BLOCKWORK; RENDERED AND PAINTED (VIVID WHITE)
WA - 03	BLOCKWORK; RENDERED AND PAINTED (MONUMENT)
WA - 04	BLOCKWORK; RENDERED AND PAINTED (NATURAL WHITE)
WA - 05	BLOCKWORK; RENDERED AND PAINTED (MALAY GREY)
WA - 06	BLOCKWORK; RENDERED AND PAINTED (LEADMAN)
WA - 07	BLOCKWORK; RENDERED AND PAINTED (ACCORD)
WA - 08	BLOCKWORK; RENDERED AND PAINTED (GUILD GREY)
WA - 09	BRICK WORK - WHITE FINISH

MISC

SCR - 01	FEATURE BLADES TO PODIUM;
	POWDERCOAT WHITE (100x50)

MRS - 01 METAL ROOF SHEE

W - 01	GLAZED WINDOW; ALUMINIU
	ED AME

COL - 01 COLUMN; PAINTED FINISH

SP - 01 SOLAR PANELS

GW - 01 GREEN WALL

DP - 01 DEEP PLANTER

AS - 01 ACOUSTIC SCREENING

MB - 01 METAL BALUSTRADE

SCHEMATIC DESIGN

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Archite	ct/ Designer			
Issue	Description	Date	Chk	Aut
30	50% SD ISSUE	14.04.22		
31	UPDATED DRAWINGS FOR DA	25.05.22		
32	UPDATED DRAWINGS FOR DA	01.06.22		
33	ELEVATION ISSUE FOR REVIEW	29.06.22	DA	QL
34	100% SD PACK	08.07.22	DA	QL
35	ISSUE FOR INFORMATION	13.09.22	DA	QL
36	WORK IN PROGRESS	23.09.22	VM	QL
37	WORK IN PROGRESS	07.10.22	DA	QL
38	FOR INFORMATION	09.11.22	DA	QL
20	FOR THEODINATION	20.44.22	54	

Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

Drawing ELEVATION - EAST

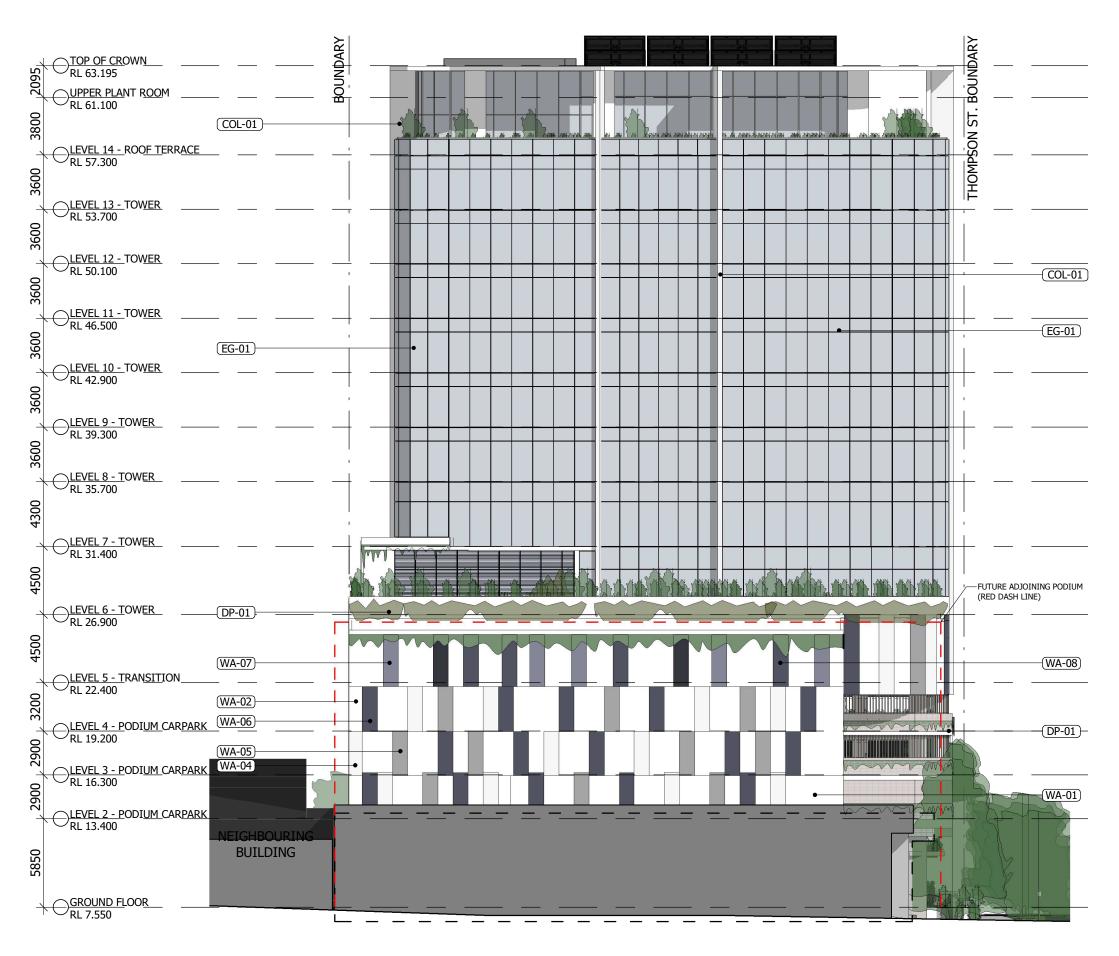
Scale (A3) As indicated

Date Printed 12/15/2022 2:01:03 PM

39

DD-201





FINISH CODES

EXTERNAL GLASS FINISHES

EG - 01 FULL HEIGHT GLAZING SYSTEM LIGHT BLUE GLAZING Notes

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WALL FINISH

WA	A - 01	EXPRESSED CONCRETE; PAINTED (VIVID WHITE)
WA	A - 02	BLOCKWORK; RENDERED AND PAINTED (VIVID WHITE)
WA	A - 03	BLOCKWORK; RENDERED AND PAINTED (MONUMENT)
WA	A - 04	BLOCKWORK; RENDERED AND PAINTED (NATURAL WHITE)
WA	A - 05	BLOCKWORK; RENDERED AND PAINTED (MALAY GREY)
WA	A - 06	BLOCKWORK; RENDERED AND PAINTED (LEADMAN)
WA	A - 07	BLOCKWORK; RENDERED AND PAINTED (ACCORD)
W	80 - <i>P</i>	BLOCKWORK; RENDERED AND

MISC

SCR - 01	FEATURE BLADES TO PODIUM;
	POWDERCOAT WHITE (100x50)

PAINTED (GUILD GREY)
WA - 09 BRICK WORK - WHITE FINISH

SG - 01 BUILDING SIGNAGE

MRS - 01	METAL	ROOF	SHEETING

W - 01	GLAZED WINDOW; ALUMINIU
	ED AME

COL - 01 COLUMN; PAINTED FINISH

SP - 01 SOLAR PANELS

GW - 01 GREEN WALL

DP - 01 DEEP PLANTER

AS - 01 ACOUSTIC SCREENING

MB - 01 METAL BALUSTRADE

SCHEMATIC DESIGN

NOT TO BE USED DURING CONSTRUCTION

WORK IN PROCRESS 23,09.22		
35 WORK IN PROCRESS 23 09.22 34 ISSUE FOR INFORMATION 13.09.22 33 100% SD PACK 08.07.22 32 ELEVATION ISSUE FOR REVIEW 31 UPDATED DRAWINGS FOR DA 10.06.22 0 UPDATED DRAWINGS FOR DA 25.05.22	Chk	Auth
35 WORK IN PROGRESS 23.09.22 34 ISSUE FOR INFORMATION 13.09.22 13 100% SO PACK 08.07.22 32 ELEVATION ISSUE FOR 29.06.22 REVIEW 29.06.22 10.06.22 31 UPDATED DRAWINGS FOR DA 01.06.22		
35 WORK IN PROGRESS 23.09.22 34 ISSUE FOR INFORMATION 13.09.22 33 100% SD PACK 08.07.22 32 ELEVATION ISSUE FOR REVIEW 29.06.22		
35 WORK IN PROGRESS 23.09.22 34 ISSUE FOR INFORMATION 13.09.22 133 100% SD PACK 08.07.22 132 ELEVATION ISSUE FOR 29.06.22		
35 WORK IN PROGRESS 23.09.22 34 ISSUE FOR INFORMATION 13.09.22 33 100% SD PACK 08.07.22	DA	QL
35 WORK IN PROGRESS 23.09.22 34 ISSUE FOR INFORMATION 13.09.22	DA	QL
35 WORK IN PROGRESS 23.09.22	DA	QL
36 WORK IN PROGRESS 07.10.22	VM	QL
	DA	QL
37 FOR INFORMATION 09.11.22	DA	QL

Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

ELEVATION - SOUTH

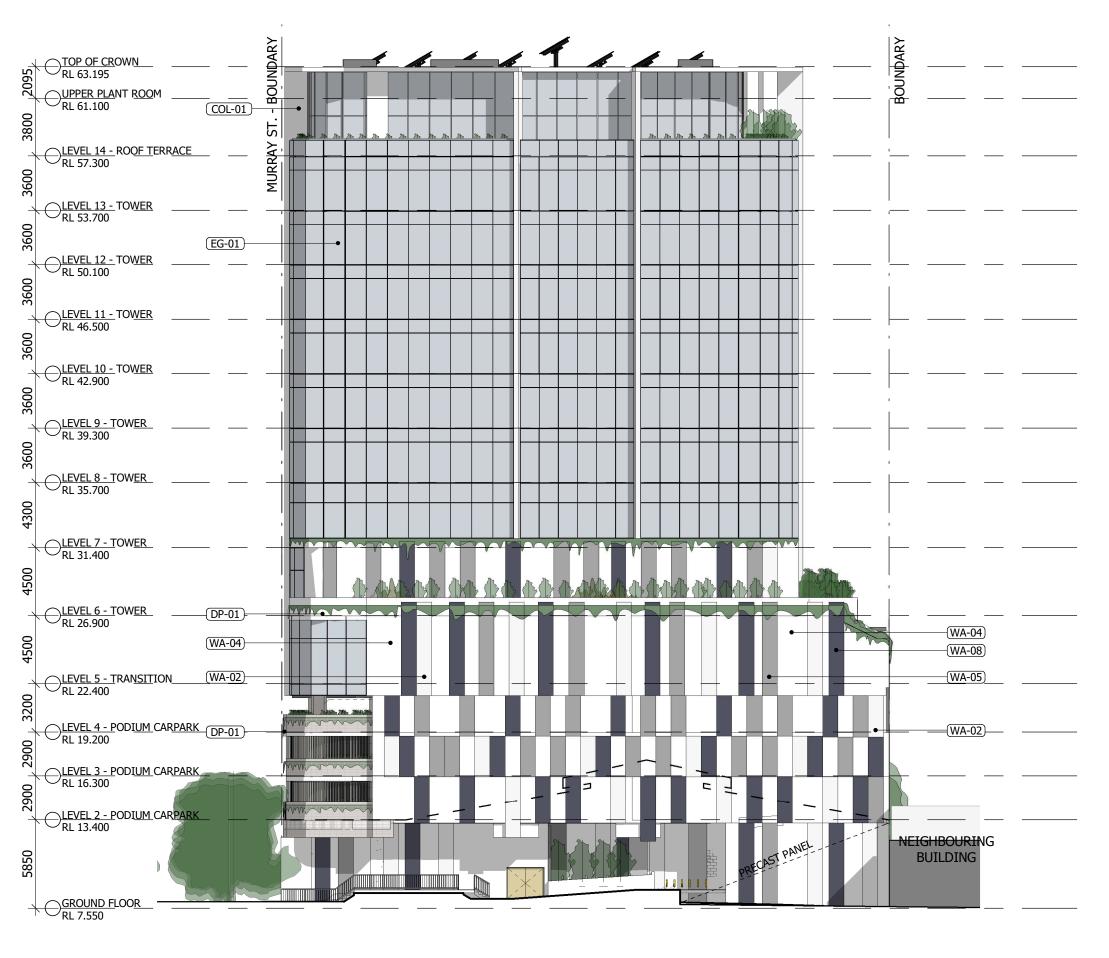
Scale (A3) Date Printed
As indicated 12/15/2022 2:01:29 PM

Drawing Number DD-202

38



S SOUTH ELEVATION 1:250



FINISH CODES

EXTERNAL GLASS FINISHES

EG - 01 FULL HEIGHT GLAZING SYSTEM LIGHT BLUE GLAZING

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WALL FINISH

WA - 01	EXPRESSED CONCRETE; PAINTER (VIVID WHITE)
WA - 02	BLOCKWORK; RENDERED AND PAINTED (VIVID WHITE)
WA - 03	BLOCKWORK; RENDERED AND PAINTED (MONUMENT)
WA - 04	BLOCKWORK; RENDERED AND PAINTED (NATURAL WHITE)
WA - 05	BLOCKWORK; RENDERED AND PAINTED (MALAY GREY)
WA - 06	BLOCKWORK; RENDERED AND PAINTED (LEADMAN)
WA - 07	BLOCKWORK; RENDERED AND PAINTED (ACCORD)
WA - 08	BLOCKWORK; RENDERED AND PAINTED (GUILD GREY)

MISC

SCR - 01	FEATURE BLADES TO PODIUM;
	POWDERCOAT WHITE (100x50)

WA - 09 BRICK WORK - WHITE FINISH

MRS - 01	METAL ROOF SHEETING

W - 01	GLAZED WINDOW;	ALUMINIU
	ED AME	

COL - 01 COLUMN; PAINTED FINISH

SP - 01 SOLAR PANELS

GW - 01 GREEN WALL

DP - 01 DEEP PLANTER

AS - 01 ACOUSTIC SCREENING

MB - 01 METAL BALUSTRADE

SCHEMATIC DESIGN

Archite	ect/ Designer			
Issue	Description	Date	Chk	Auth
29	50% SD ISSUE	14.04.22		
30	UPDATED DRAWINGS FOR DA	25.05.22		
31	UPDATED DRAWINGS FOR DA	01.06.22		
32	ELEVATION ISSUE FOR REVIEW	29.06.22	DA	QL
33	100% SD PACK	08.07.22	DA	QL
34	ISSUE FOR INFORMATION	13.09.22	DA	QL
35	WORK IN PROGRESS	23.09.22	VM	QL
36	WORK IN PROGRESS	07.10.22	DA	QL
37	FOR INFORMATION	09.11.22	DA	QL

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

Drawing ELEVATION - WEST

Scale (A3) As indicated

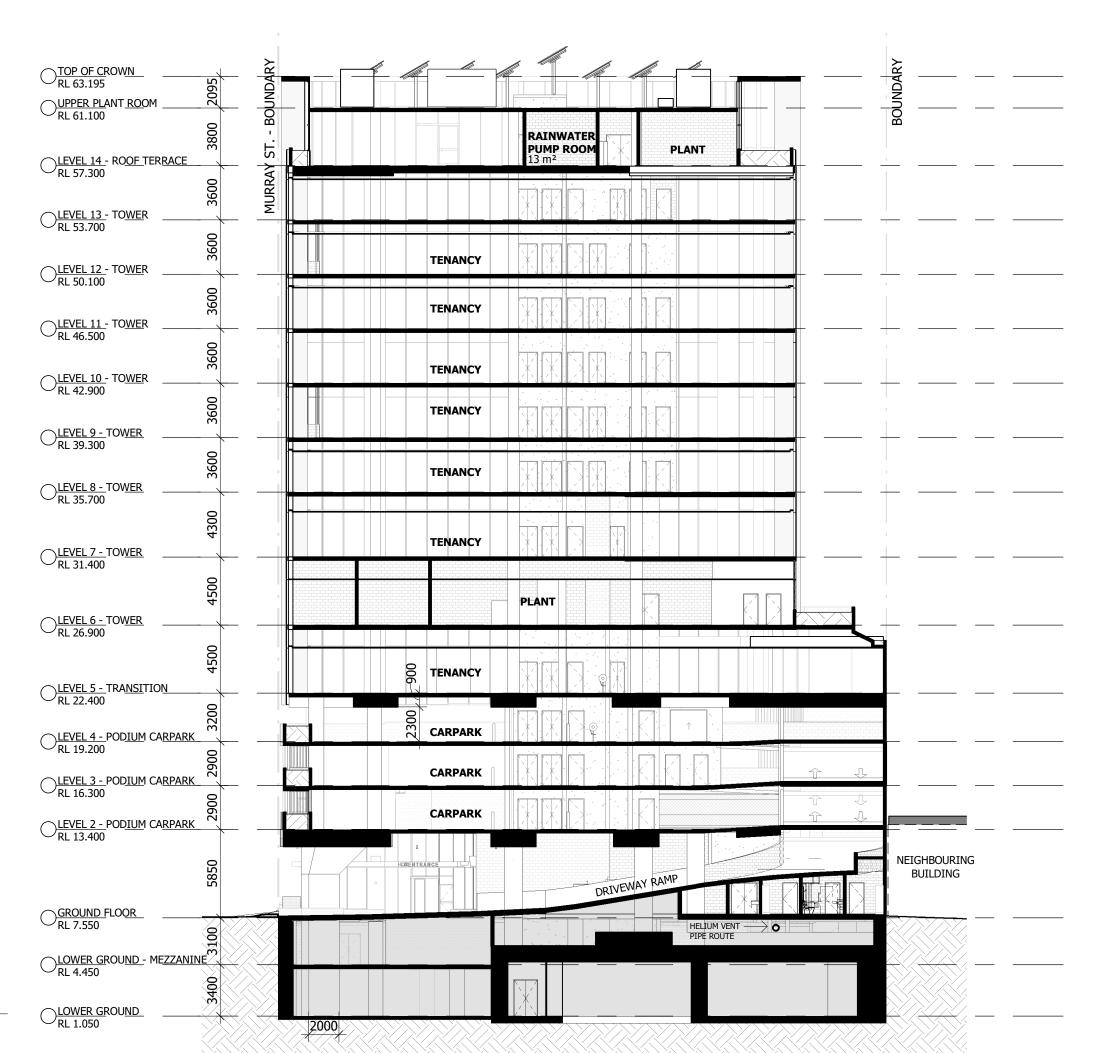
DD-203

Date Printed 12/15/2022 2:01:54 PM

38



WEST ELEVATION 1:250



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SCHEMATIC DESIGN

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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

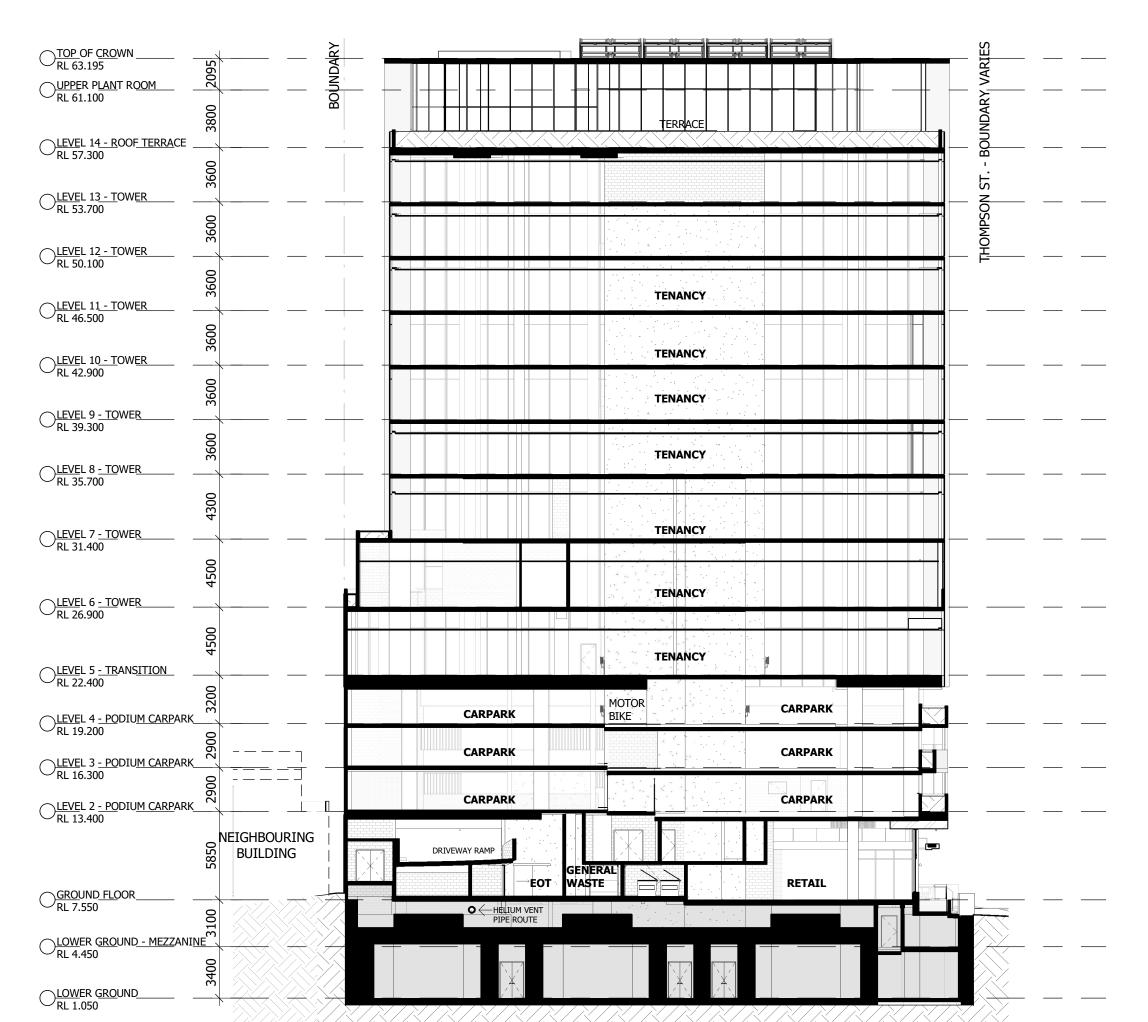
Drawing SECTION

Scale (A3) 1:250

Date Printed 12/15/2022 2:02:00 PM

34

DD-300



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SCHEMATIC DESIGN

NOT TO BE USED DURING CONSTRUCTION

FOR INFORMATION	14.11.22	DA	QL
FOR INFORMATION	09.11.22	DA	QL
WORK IN PROGRESS	27.10.22	DA	QL
WORK IN PROGRESS	07.10.22	DA	QL
WORK IN PROGRESS	23.09.22	VM	QL
ISSUE FOR INFORMATION	13.09.22	DA	QL
100% SD PACK	08.07.22	DA	QL
UPDATED DRAWINGS FOR DA	01.06.22		-
UPDATED DRAWINGS FOR DA	25.05.22		
50% SD ISSUE	14.04.22		

 23
 ISSUE FOR INFORMATION
 08.04.22

 Issue
 Description
 Date
 Ch

 Architect/ Designer

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Client

Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

Drawing SECTION

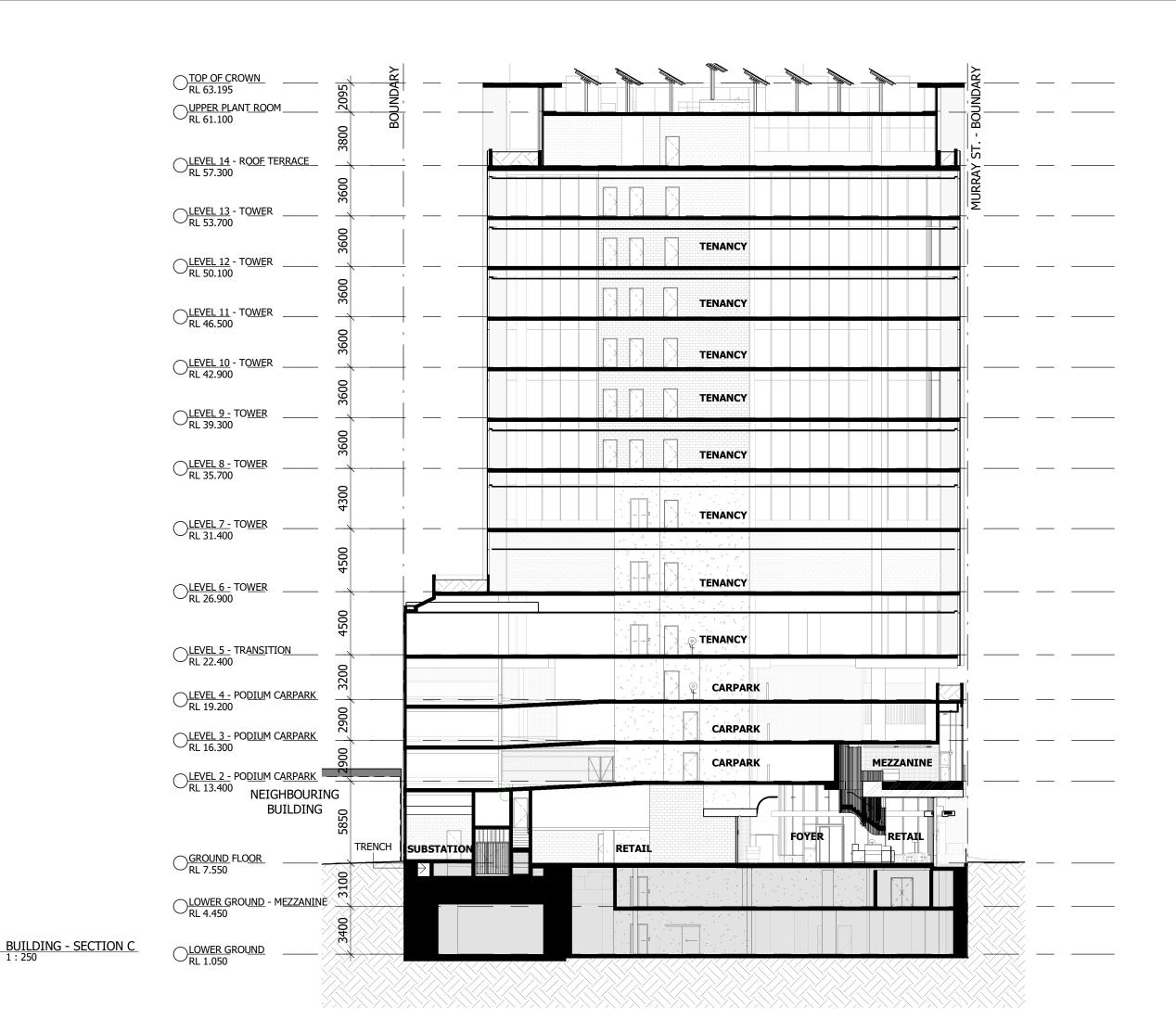
Scale (A3) 1:250

Drawing Number DD-301

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Issue 3



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SCHEMATIC DESIGN

Issue	Description	Date	Chk	Auth
23	ISSUE FOR INFORMATION	08.04.22		
24	50% SD ISSUE	14.04.22		
25	UPDATED DRAWINGS FOR DA	25.05.22		
26	UPDATED DRAWINGS FOR DA	01.06.22		
27	100% SD PACK	08.07.22	DA	QL
28	ISSUE FOR INFORMATION	13.09.22	DA	QL
29	WORK IN PROGRESS	23.09.22	VM	QL
30	WORK IN PROGRESS	07.10.22	DA	QL
31	WORK IN PROGRESS	27.10.22	DA	QL
32	FOR INFORMATION	09.11.22	DA	QL
33	FOR INFORMATION	14.11.22	DA	QL

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Project HQ2

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

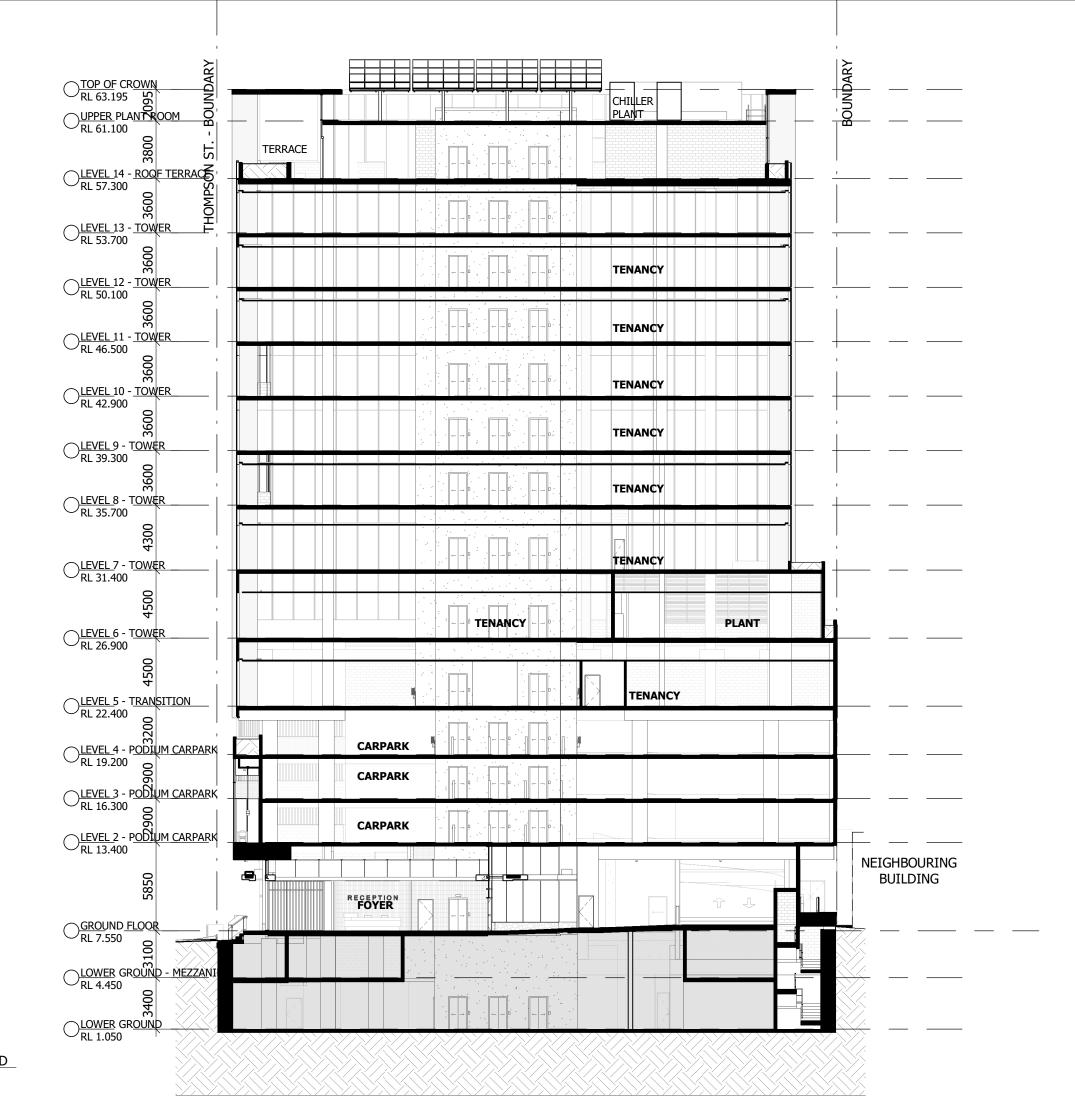
Drawing SECTION

Scale (A3) 1:250

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DD-302



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8	WORK IN PROGRESS	23.09.22	VM	Q
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4	UPDATED DRAWINGS FOR DA	25.05.22		
3	50% SD ISSUE	14.04.22		
2	ISSUE FOR INFORMATION	08.04.22		

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Project

12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

Drawing SECTION

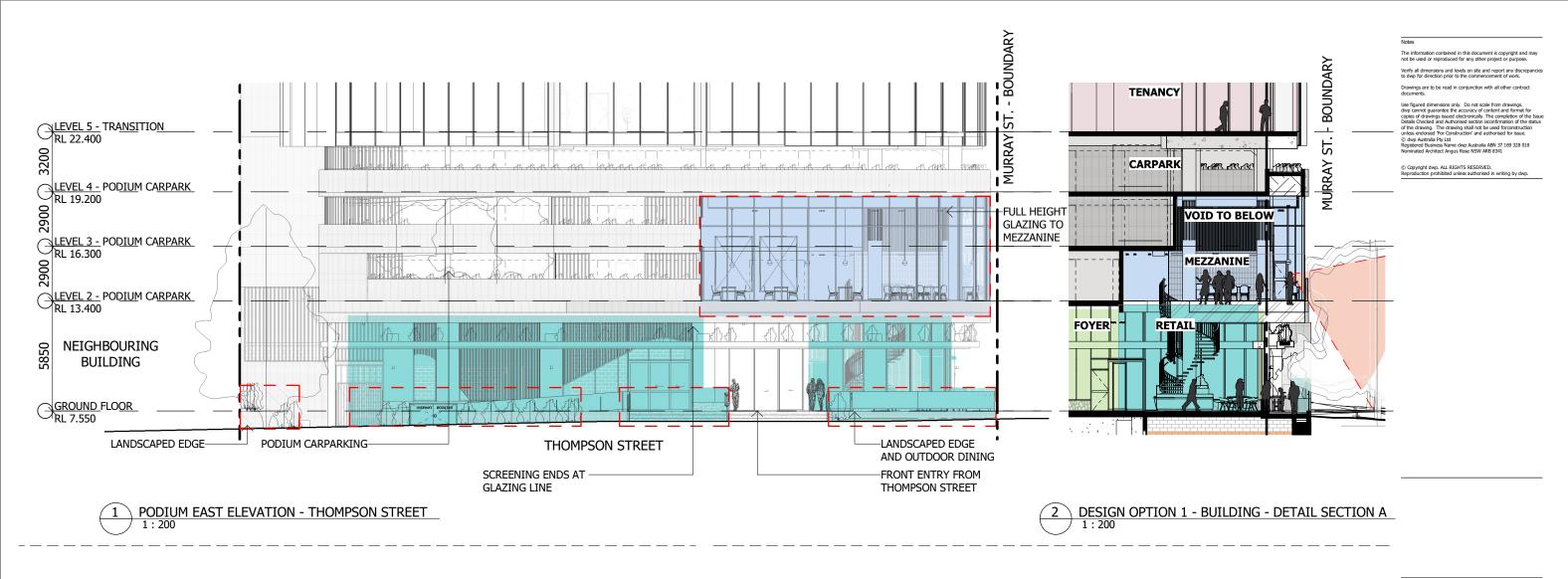
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ENTRANCE FROM THOMPSON STREET - GROUND LEVEL ACTIVATION

ENTRANCE FROM MURRAY STREET - GROUND LEVEL ACTIVATION

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17	ISSUE FOR INFORMATION	13.09.22	DA	QL
16	UPDATED RENDERS	05.09.22	DA	QL
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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

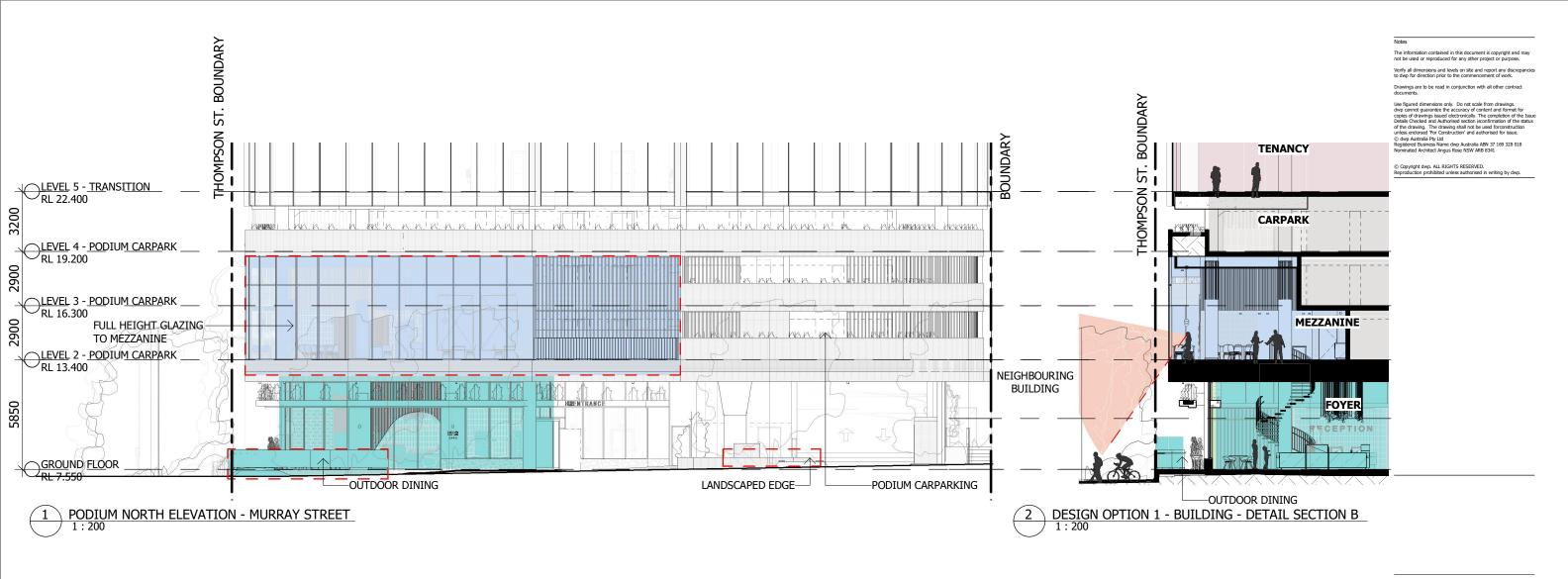
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CORNER OF MURRAY AND THOMPSON STREET - GROUND LEVEL ACTIVATION

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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

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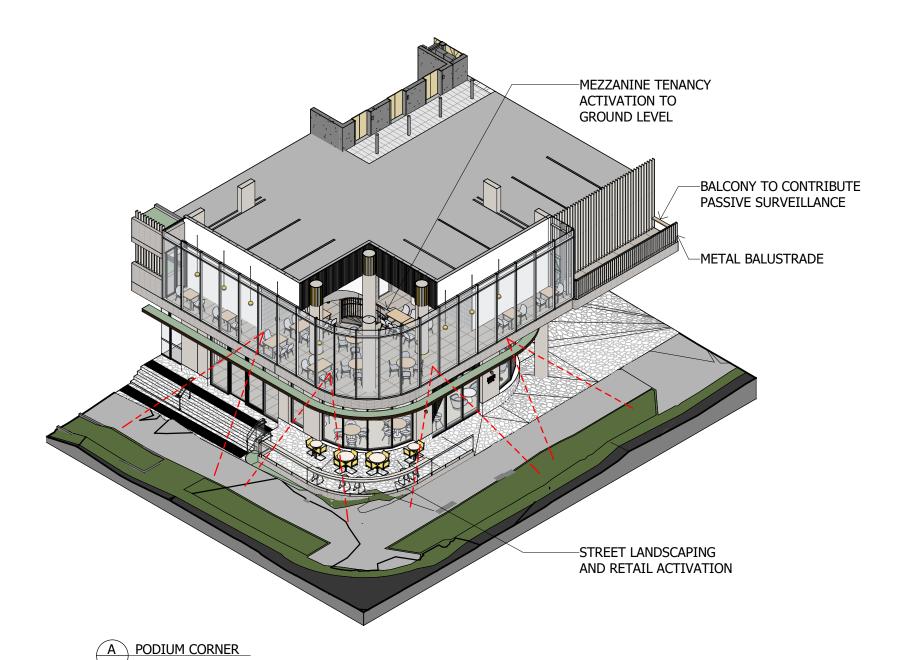
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9	COORDINATION	01.03.22		
10	DA ISSUE	14.03.22		
11	UPDATED DRAWINGS ISSUE	25.03.22		
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17	ISSUE FOR INFORMATION	13.09.22	DA	ς
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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

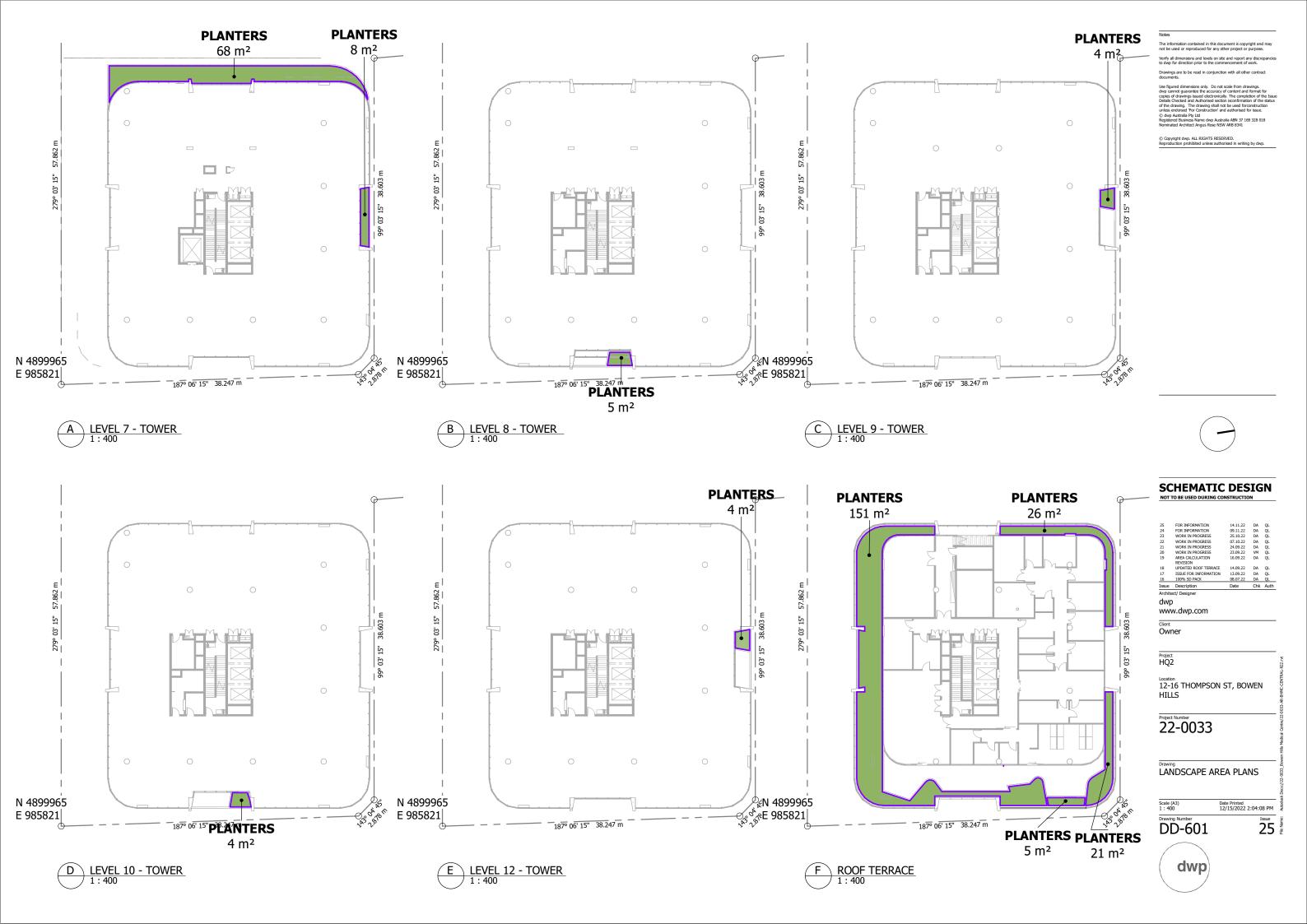
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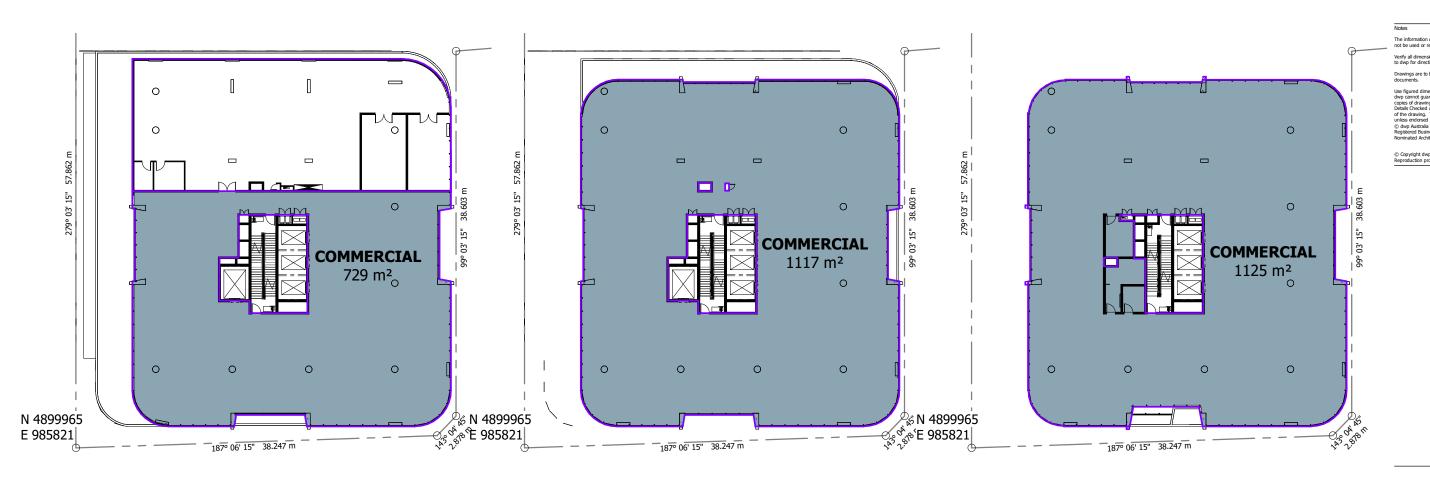
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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

Drawing
GFA AREA PLANS

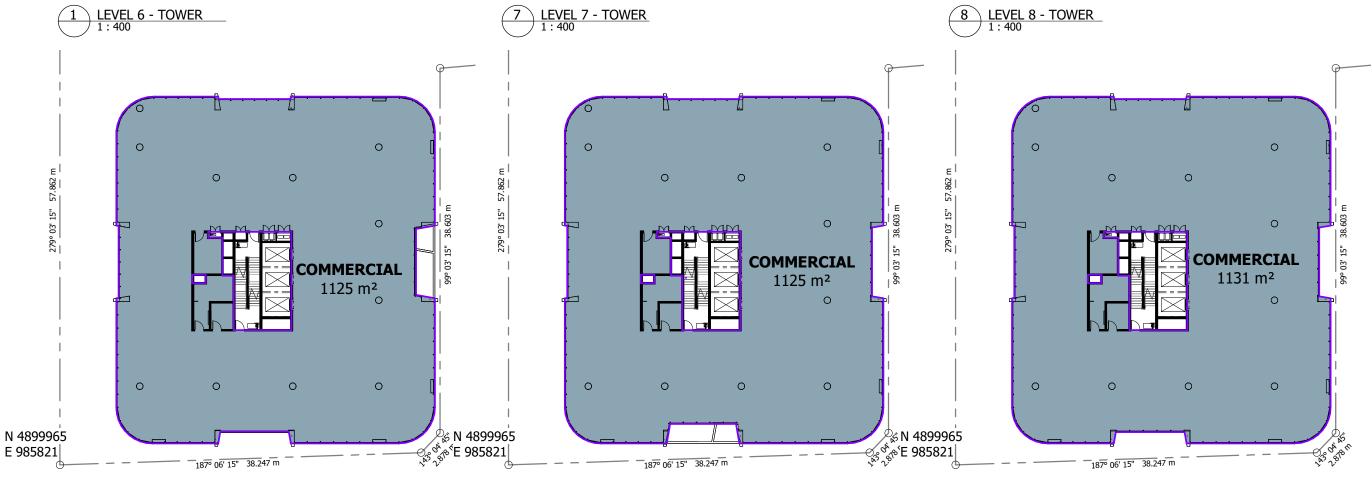
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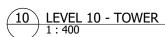
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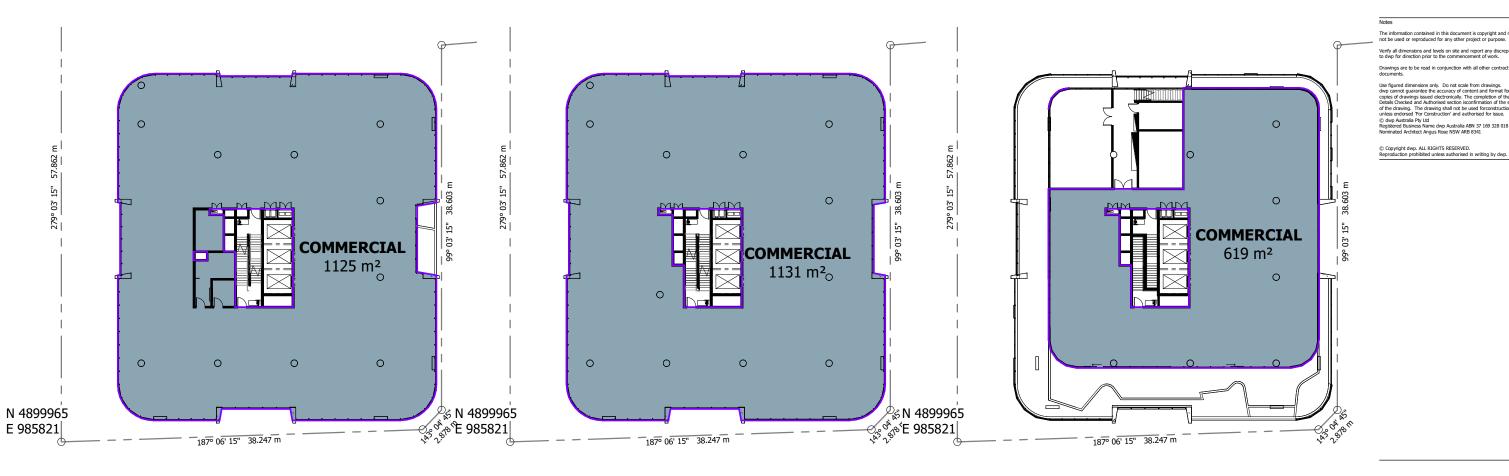
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11 LEVEL 11 - TOWER 1: 400



13 LEVEL 13 - TOWER 1 : 400

<u>LEVEL 12 - TOWER</u> 1 : 400

14 ROOF 1:400



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Issue	Description	Date	Chk	Aut
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16	UPDATED ROOF TERRACE	14.09.22	DA	QL
17	AREA CALCULATION REVISION	16.09.22	DA	QL
18	WORK IN PROGRESS	23.09.22	VM	QL
19	WORK IN PROGRESS	24.09.22	DA	QL
20	WORK IN PROGRESS	07.10.22	DA	QL
21	WORK IN PROGRESS	25.10.22	DA	QL
22	FOR INFORMATION	09.11.22	DA	QL
23	FOR INFORMATION	14.11.22	DA	QL

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12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

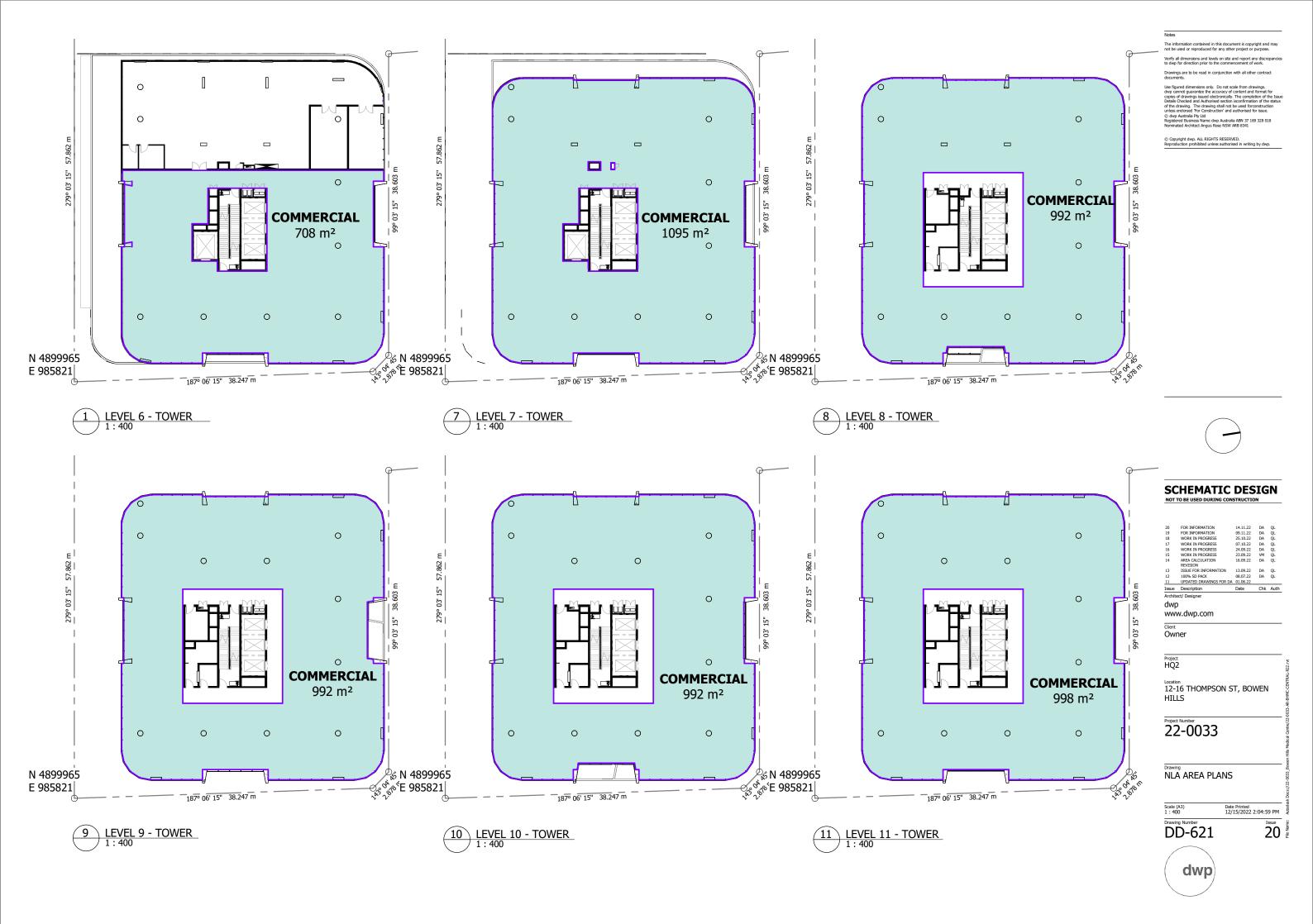
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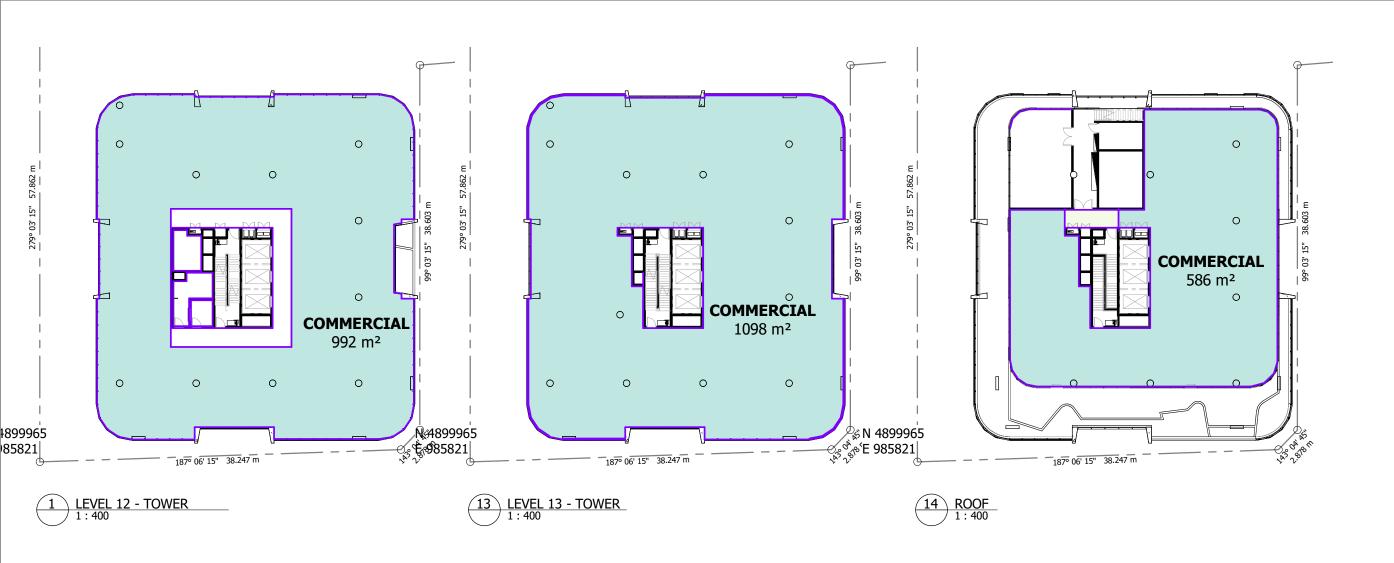
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Notes

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Drawings are to be read in conjunction with all other contract documents.

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21	WORK IN PROGRESS	25.10.22	DA	QL
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23	FOR INFORMATION	14.11.22	DA	QL

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Location 12-16 THOMPSON ST, BOWEN HILLS

Project Number 22-0033

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Drawing Number DD-622

Issue 23

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APPENDIX

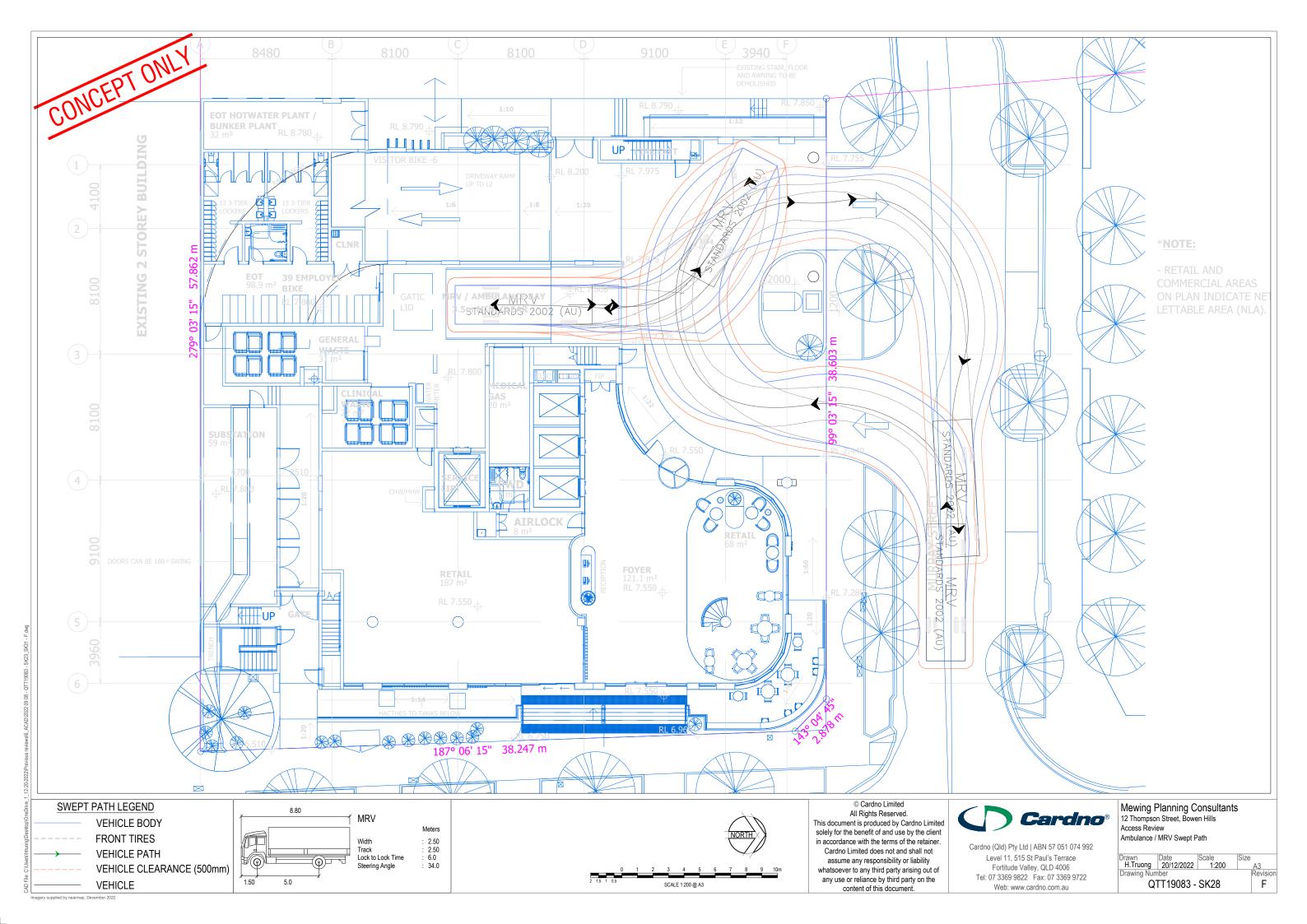
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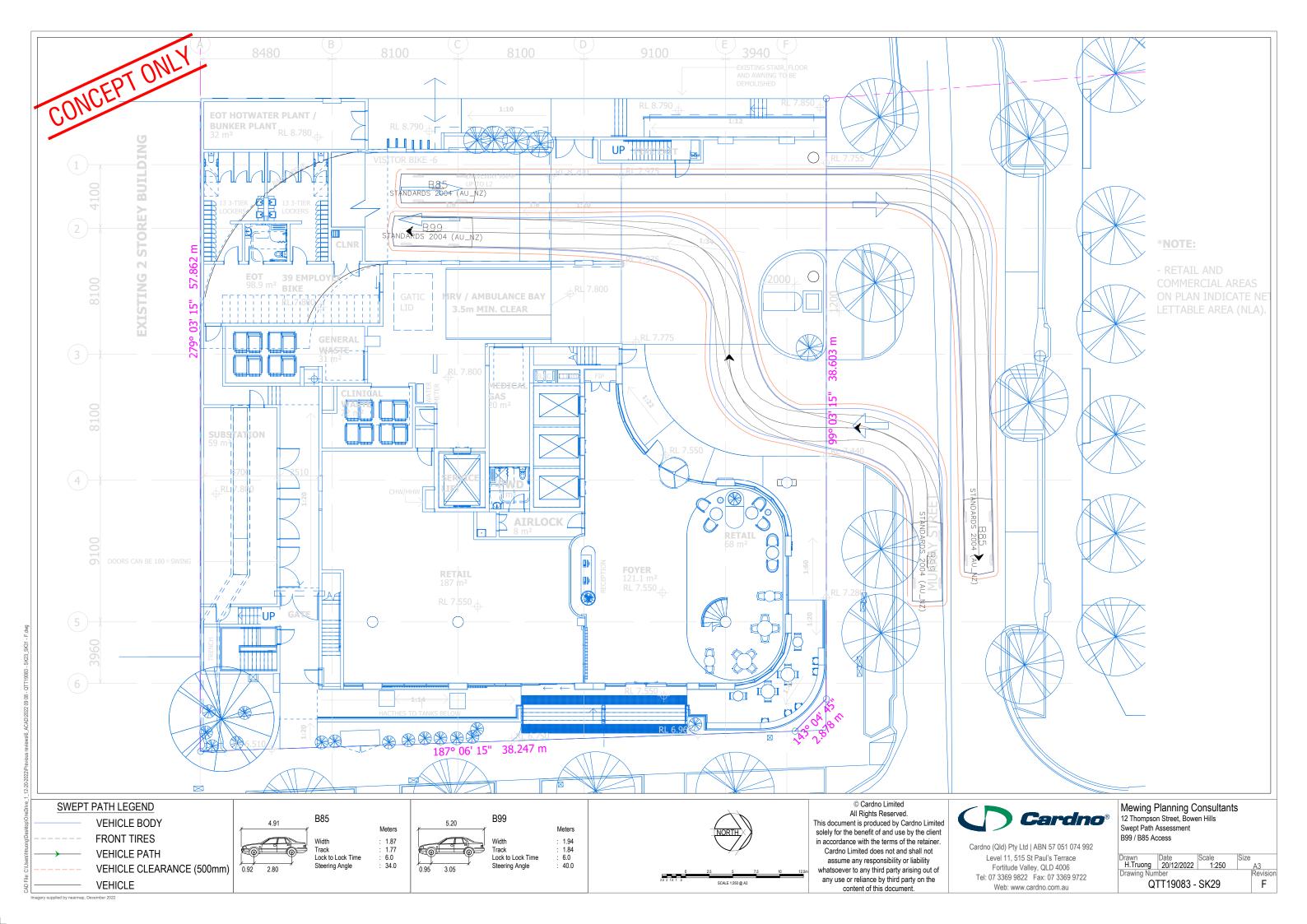
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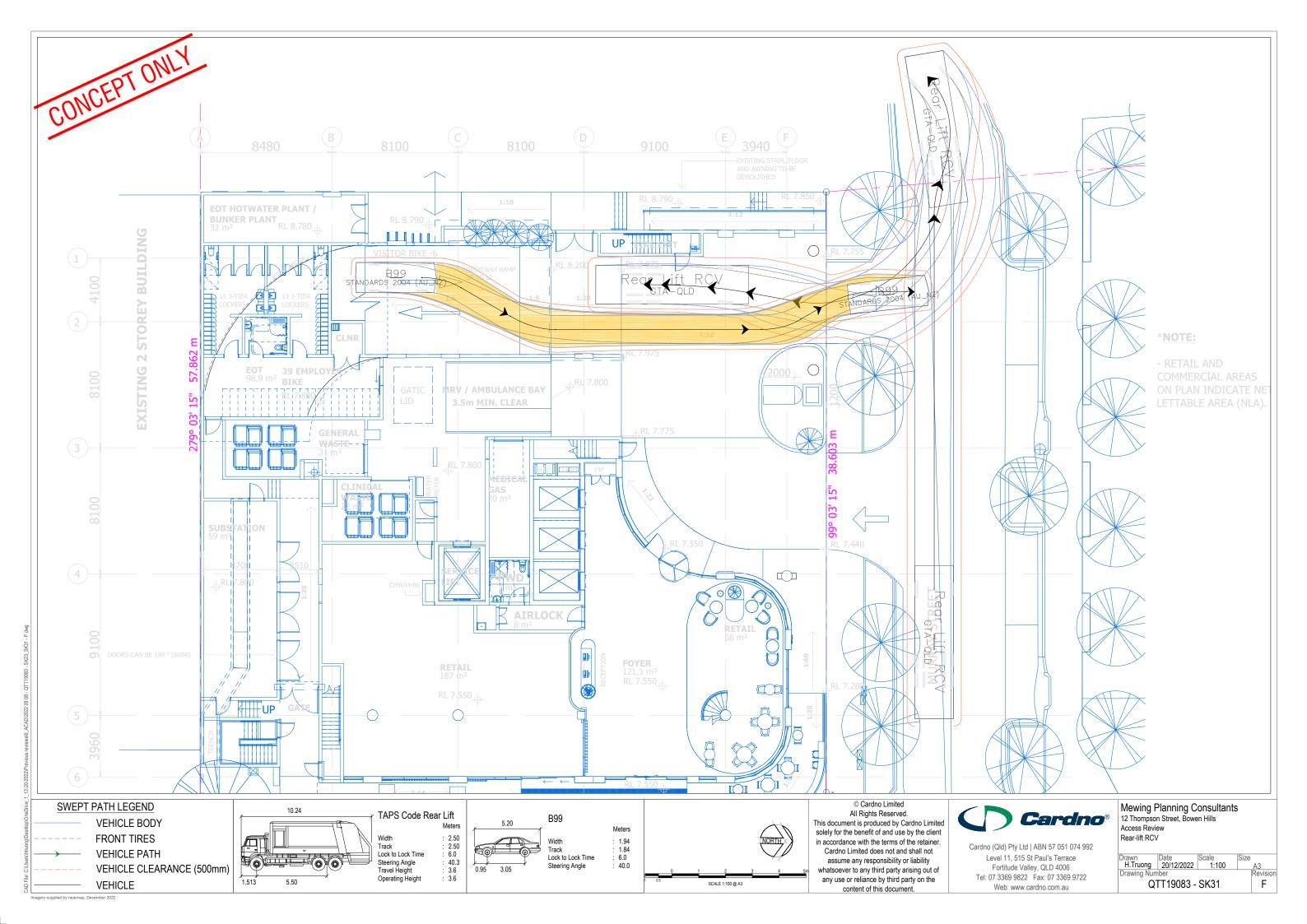


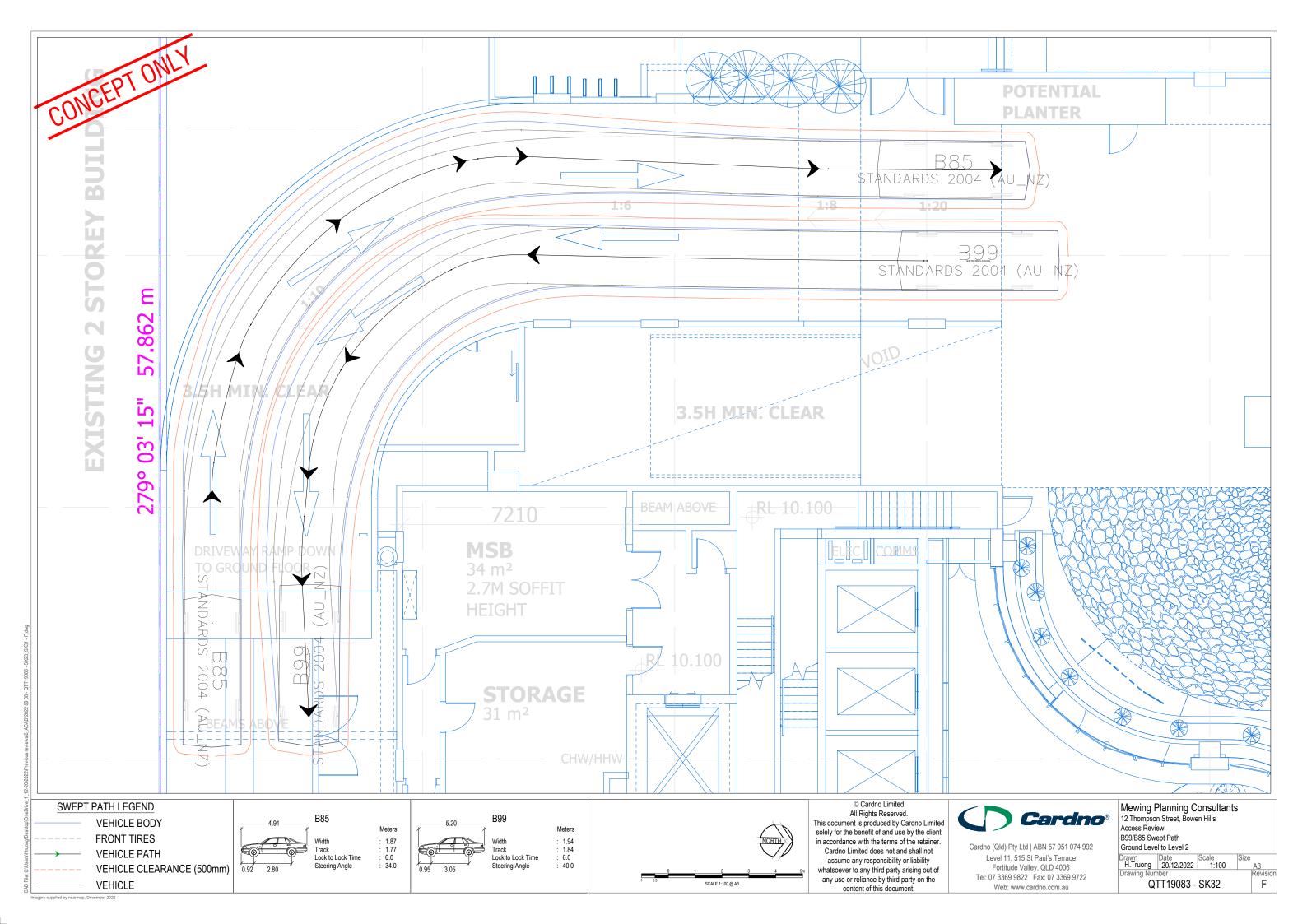
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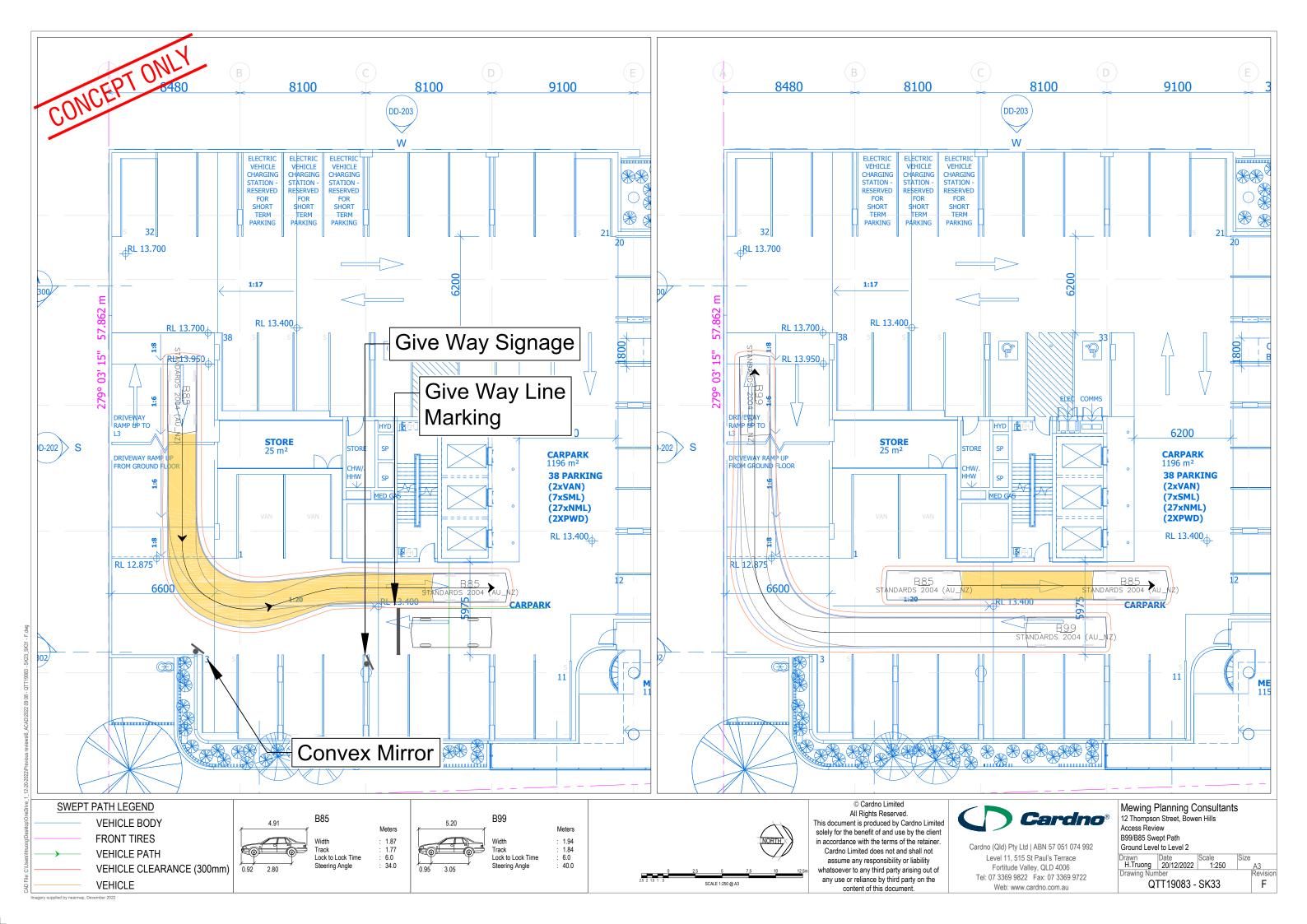












APPENDIX

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EDQ DECISION NOTICE



now





Our ref: DEV2020/1124

Department of
State Development, Infrastructure,
Local Government and Planning

22 December 2021

Gansons Pty Ltd, Ganboys Pty Ltd and Ganbros Pty Ltd C/- Mewing Planning Consultants Att: Mr Leo Mewing GPO Box 1506 BRISBANE QLD 4001

Email: leo.mewing@mewing.com.au

Dear Leo

S89(1)(a) Approval of PDA development application

PDA Development Permit for Material Change of Use for Office, Research and Technology Industry, Health Care Service, Hospital, Food and Drink Outlet (<250M²), Shop (where located at ground level and not exceeding 250M² per tenancy), and Park and a Preliminary Approval for a Material Change of Use for a Master Plan for Office, Research and Technology Industry, Health Care Services, Hospital, Food and Drink Outlet (<250M²), Shop (where located at ground level and not exceeding 250M² per tenancy), Showroom, Warehouse, Indoor Sport and Recreation (Gymnasium), and Park at 12-18 Thompson Street, Bowen Hills described as Lot 1 on RP121293 and Lot 4 on SP312302

On 22 December 2021, pursuant to s.85(4)(b) of the *Economic Development Act 2012*, the Minister for Economic Development Queensland (MEDQ) decided to grant **all** of the PDA development application applied for, in accordance with the attached PDA decision notice.

The PDA decision notice and approved plans / documents can also be viewed in the MEDQ Development Approvals Register via the Department website at www.dsdilgp.qld.gov.au/pda-da-applications.

If you require any further information, please contact Chris Hinton, A/Principal Planner Development Assessment, in Economic Development Queensland, by telephone on (07) 3452 7494 or at chris.hinton@dsdilgp.qld.gov.au, who will be pleased to assist.

Yours sincerely

Beatriz Gomez

Director

Development Assessment

Economic Development Queensland

PDA Decision Notice

Site information			
Name of priority development area (PDA)	Bowen Hills		
Site address	12-18 Thompson Street, Bowen Hills		
Lot on plan description	Lot number	Plan description	
	1	RP121293	
	4	SP312302	

PDA development application details		
DEV reference number	DEV2020/1124	
'Properly made' date	8 July 2020	
Type of application	 ✓ PDA development application for: ✓ Material change of use ✓ Preliminary approval ✓ Development permit 	
Proposed development	Development Permit for Material Change of Use for Office, Research and Technology Industry, Health Care Service, Hospital, Food and Drink Outlet (<250M²), Shop (where located at ground level and not exceeding 250M² per tenancy), and Park and a Preliminary Approval for a Material Change of Use for a Master Plan for Office, Research and Technology Industry, Health Care Services, Hospital, Food and Drink Outlet (<250M²), Shop (where located at ground level and not exceeding 250M² per tenancy), Showroom, Warehouse, Indoor Sport and Recreation (Gymnasium), and Park	

PDA development approval details		
Decision of the MEDQ	The MEDQ has decided to grant <u>all</u> of the PDA development approval applied for, <u>subject to</u> PDA development conditions forming part of this decision notice.	
Decision date	22 December 2021	
Currency period	Development Permit - Six (6) years from the decision date Preliminary Approval - Fifteen (15) years from the decision date	

Approved plans and documents

The plans and documents approved by the MEDQ and referred to in the PDA development conditions for the PDA development approval are detailed below.

Approved plans and documents		Number	Date
1.	'12-16 Thompson St, Bowen Hills 4006 – Tower 1', prepared by Red Door Architecture	N/A	April 2021
2.	'Tower 1 Area Summary', prepared by Red Door Architecture	DA-002, Rev. 10	19 April 2021
3.	'Tower 1 Entry from Thompson Street', prepared by Red Door Architecture	DA-010, Rev. 1	23 November 2020

4.	'Tower 1 Entry from Murray Street'	DA-011 Pov 1	23 November 2020	
4.	'Tower 1 Entry from Murray Street', prepared by Red Door Architecture	DA-011, Rev. 1	23 November 2020	
5.	'Tower 1 Site Plan Overall', prepared by Red Door Architecture		19 April 2021	
6.	'Tower 1 Site Plan – Ultimate Park & Road Reserve', prepared by Red Door Architecture	DA-051, Rev. 3	19 April 2021	
7.	'Tower 1 Ground Floor', prepared by Red Door Architecture	DA-100, Rev. 28	24 August 2021 (Amended in Red 14 September 2021)	
8.	'Tower 1 Level 2 – Typical Carpark', prepared by Red Door Architecture	DA-102, Rev. 26	19 August 2021 (Amended in Red 14 September 2021)	
9.	'Tower 1 Level 3 – Typical Carpark', prepared by Red Door Architecture	DA-103, Rev. 25	19 August 2021 (Amended in Red 13 December 2021)	
10.	'Tower 1 Level 4 – Typical Carpark', prepared by Red Door Architecture	DA-104, Rev. 26	19 August 2021 (Amended in Red 14 September 2021)	
11.	'Tower 1 Level 5 – Tower (Lower)', prepared by Red Door Architecture	DA-105, Rev. 24	19 August 2021	
12.	'Tower 1 Level 6 – Tower (Podium)', prepared by Red Door Architecture	DA-106, Rev. 26	19 August 2021	
13.	'Tower 1 Level 7 – Tower Typical (A)', prepared by Red Door Architecture	DA-107, Rev. 13	19 August 2021	
14.	'Tower 1 Level 9 – Tower Typical (B)', prepared by Red Door Architecture	DA-108, Rev. 22	19 August 2021	
15.	'Tower 1 Level – Roof Terrace', prepared by Red Door Architecture	DA-110, Rev. 24	19 August 2021 (Amended in Red 14 September 2021)	
16.	<i>'Tower 1 Level – Roof Plan'</i> , prepared by Red Door Architecture	DA-111, Rev. 16	24 August 2021	
17.	'Tower 1 Elevation – North', prepared by Red Door Architecture	DA-200, Rev. 23	19 August 2021 (Amended in Red 13 December 2021)	
18.	<i>'Tower 1 Elevation – East'</i> , prepared by Red Door Architecture	DA-201, Rev. 25	19 August 2021	
19.	'Tower 1 Elevation – South', prepared by Red Door Architecture	DA-202, Rev. 23	19 August 2021	
20.	'Tower 1 Elevation – West', prepared by Red Door Architecture	DA-203, Rev. 25	19 August 2021	
21.	'Tower 1 Section', prepared by Red Door Architecture	DA-300, Rev. 19	19 August 2021	
22.	'Tower 1 Section', prepared by Red Door Architecture	DA-301, Rev. 18	19 August 2021	
23.	'Tower 1 Section', prepared by Red Door Architecture	DA-302, Rev. 18	19 August 2021	

24.	'Tower 1 Section', prepared by Red Door Architecture	DA-303, Rev. 17	19 August 2021 (Amended in Red 13 December 2021)
25.	'Tower 1 Podium Details', prepared by Red Door Architecture	DA-400, Rev. 7	19 August 2021
26.	'Tower 1 Podium Details', prepared by Red Door Architecture	DA-401, Rev. 7	19 August 2021 (Amended in Red 13 December 2021)
27.	'Tower 1 Podium Details', prepared by Red Door Architecture	DA-402, Rev. 6	23 November 2020
28.	'Tower 1 Landscape Area Plans', prepared by Red Door Architecture	DA-600, Rev. 8	19 April 2021 (Amended in Red 13 December 2021)
29.	'Tower 1 Landscape Area Plans', prepared by Red Door Architecture	DA-601, Rev. 7	19 April 2021 (Amended in Red 14 September 2021)
30.	'Tower 1 GFA Area Plans', prepared by Red Door Architecture	DA-610, Rev. 3	19 April 2021 (Amended in Red 13 December 2021)
31.	'Tower 1 GFA Area Plans', prepared by Red Door Architecture	DA-611, Rev. 3	19 April 2021
32.	'Tower 1 GFA Area Plans', prepared by Red Door Architecture	DA-612, Rev. 3	19 April 2021 (Amended in Red 14 September 2021)
33.	'Tower 1 NLA Area Plans', prepared by Red Door Architecture	DA-620, Rev. 3	19 April 2021 (Amended in Red 13 December 2021)
34.	'Tower 1 NLA Area Plans', prepared by Red Door Architecture	DA-621, Rev. 3	19 April 2021
35.	'Tower 1 NLA Area Plans', prepared by Red Door Architecture	DA-622, Rev. 3	19 April 2021 (Amended in Red 14 September 2021)
36.	'Tower 1 Landscape Design Report, prepared by RPS	PR145652-1, Issue O	20 April 2021 (Amended in Red 13 December 2021)
37.	'Plan of Development', prepared by Mewing Planning Consultants	N/A	Undated (Amended in Red 13 December 2021)
38.	'Masterplan Basement Diagram', prepared by Red Door Architecture	DA-060, Rev. 9	6 April 2021 (Amended in Red 14 September 2021)
39.	'Masterplan Vehicle Circulation Diagram', prepared by Red Door Architecture	DA-061, Rev. 13	6 April 2021 (Amended in Red 14 September 2021)
40.	'Masterplan Pedestrian & Cyclist Circulation', prepared by Red Door Architecture	DA-062, Rev. 6	6 April 2021 (Amended in Red 14 September 2021)

41.	'Masterplan Ground Level Diagram', prepared by Red Door Architecture	DA-070, Rev. 6	6 April 2021 (Amended in Red 14 September 2021)
42.	'Masterplan Podium Level Diagram', prepared by Red Door Architecture	DA-071, Rev. 6	6 April 2021 (Amended in Red 14 September 2021)
43.	'Masterplan Tower Diagram', prepared by Red Door Architecture	DA-072, Rev. 12	6 April 2021 (Amended in Red 14 September 2021)
44.	'Staging Masterplan – Stage 1', prepared by Red Door Architecture	DA-091, Rev. 9	19 April 2021 (Amended in Red 13 December 2021)
45.	'Staging Masterplan – Stage 2', prepared by Red Door Architecture	DA-092, Rev. 9	19 April 2021 (Amended in Red 13 December 2021)
46.	'Staging Masterplan – Stage 3', prepared by Red Door Architecture	DA-093, Rev. 9	19 April 2021 (Amended in Red 13 December 2021)
47.	'Staging Masterplan – Stage 4', prepared by Red Door Architecture	DA-094, Rev. 9	19 April 2021 (Amended in Red 13 December 2021)
48.	'Masterplan Site Sections', prepared by Red Door Architecture	DA-120, Rev. 11	6 April 2021 (Amended in Red 14 September 2021)
49.	'Masterplan Site Sections', prepared by Red Door Architecture	DA-121, Rev. 11	6 April 2021 (Amended in Red 14 September 2021)
50.	'Tower 1 Lighting Design', prepared by Red Door Architecture	N/A	April 2021
51.	'Ground Floor – Lighting Design Plan', prepared by Red Door Architecture	Ref. DA-810, Rev. 8	19 April 2021
52.	<i>'Podium & Roof – Lighting Design Plan'</i> , prepared by Red Door Architecture	Ref. DA-811, Rev. 8	19 April 2021
53.	'Site Layout Plan, Post Development Drainage and Services (Stage 1)", prepared by Inertia	8858, SK002 Rev. C	23 March 2020
54.	'Preliminary External Road Layout Plan (Stage 1)', prepared by Inertia	8858, SK014, Rev. D	16 April 2021 (Amended in Red 17 December 2021)
55.	'Preliminary Earthworks Layout Plan (Stage 1)', prepared by Inertia	Job 8858, SK010, Rev E	19 April 2021
56.	'Air Quality Assessment - Proposed Mixed Use Development, Bowen Hills' report, prepared by Air Noise Environment	207402.0188Report02.odt Rev 01.1	4 Feb 2021
57.	'Covenant Form 31', prepared by McCullough Robertson		20 December 2021 (Amended in Red 20 December 2021)

58.	'Noise Impact Assessment', prepared by Stantec	Ref. 45289, Rev. 002	20 April 2020
59.	'Technical Memorandum 12-18 Thompson Street Material Change Use under PDA Development Permit Acoustic Aspects', prepared by Stantec	Project No: 45289	30 September 2020
60.	'Technical Memorandum 12-18 Thompson Street Material Change Use under PDA Development Permit Acoustic Aspects', prepared by Stantec	Project No: 45289	16 November 2020

Supporting plans and documents

To remove any doubt, the following plans and documents are not approved for the purposes of the PDA development approval and are supporting documents only for information purposes

Sup	pporting plans and documents	Number	Date
61.	'Road Widening Plan – 12-18 Thompson Street', prepared by Brisbane City Council	RC16029, Issue 1	18 September 2019
62.	'Sufficient Grounds Package', prepared by Mewing Planning Consultants	N/A	Undated (Amended in Red 21 July 2021)
63.	'Lease No 720666540' on Lot 1 on RP121293	Lease No 720666540	Term: 18/12/2020 to 17/12/2030 Option Nil
64.	'Tech Memo regarding Thompson St, Bowen Hills, Response to EDQ Further Issues Letter', prepared by Cardno,	QTT19083	4 February 2021

PDA development conditions

For the purpose of interpreting this approval, including the conditions, the following applies:

ABBREVIATIONS AND DEFINITIONS:

The following is a list of abbreviations utilised in this approval:

- 1. **AILA** means a Landscape Architect registered by the Australian Institute of Landscape Architects.
- 2. **BFP** means Building Format Plan.
- 3. **Certification Procedures Manual** means the document titled *Certification Procedures Manual*, prepared by EDQ, dated April2020 (as amended from time to time).
- 4. **Contributed Asset** means an asset constructed under a PDA development approval or Infrastructure Agreement that will become the responsibility of an External Authority. For the purposes of operational works for a Contributed Asset, the following definitions apply:
 - a. External Authority means a public-sector entity other than the MEDQ;

- b. **Parkland** means carrying out operational work related to the provision of parkland infrastructure:
- Roadworks means carrying out any operational work within existing or proposed road(s), to a depth of 1.5m measured from the top of kerb, and includes Streetscape Works;
- d. **Sewer Works** means carrying out any operational work related to the provision of wastewater infrastructure;
- e. **Streetscape Works** means carrying out any operational work within the verge of a road, including footpath surface treatments, street furniture, street lighting and landscaping;
- f. **Stormwater Works** means carrying out any operational work related to the provision of stormwater infrastructure; and
- g. **Water Works** means carrying out any operational work related to the provision of water infrastructure.
- 5. **Council** means Brisbane City Council.
- 6. **DCOP** means the Development Charges and Offset Plan that applies to the PDA as amended or replaced from time to time.
- 7. **DSDILGP** means the Department of State Development, Infrastructure, Local Government and Planning.
- 8. **EDQ** means Economic Development Queensland.
- 9. **EDQ DA** means Economic Development Queensland's Development Assessment team.
- 10. **EDQ TS** means Economic Development Queensland's Technical Services team.
- 11. **EP Act** means the *Environmental Protection Act* 1994.
- 12. **IFF** means the Infrastructure Funding Framework, prepared by the Department of State Development, Tourism and Innovation, dated 1 July 2020 (as amended from time to time).
- 13. LTA means Land Title Act 1994.
- 14. **MEDQ** means the Minister for Economic Development Queensland.
- 15. **PDA** means Priority Development Area.
- 16. **RPEQ** means Registered Professional Engineer of Queensland.

COMPLIANCE ASSESSMENT:

Where a condition of this approval requires Compliance Assessment, Compliance Assessment is required in accordance with the following:

- a) The applicant must:
 - pay to MEDQ at the time of submission the relevant fee for Compliance
 Assessment, including any third party peer review costs which will be charged on a
 100% cost recovery basis. The Compliance Assessment fees are set out in EDQ

Development Assessment Fees and Charges Schedule¹ (as amended from time to time).

- ii) submit to EDQ DA a duly completed Compliance Assessment form².
- iii) submit to EDQ DA the documentation as required under the relevant condition.
- b) Where EDQ is satisfied the documentation submitted for Compliance Assessment meets the requirements of the relevant condition (or element of the condition), EDQ will endorse the documentation and advise by written notice.
- c) Compliance Assessment and endorsement can be repeated where a different design or solution, to that already endorsed, is sought.
- d) The process and timeframes that apply to Compliance Assessment are as follows:
 - applicant submits items required under a) above to EDQ DA for Compliance Assessment.
 - ii) within 20 business days EDQ assesses the documentation and:
 - if satisfied, endorses the documentation; or
 - 2. if not satisfied, notifies the applicant accordingly.
 - iii) if the applicant is notified under ii.2. above, revised documentation must be submitted **within 20 business days** from the date of notification.
 - iv) within 20 business days EDQ assesses the revised documentation and:
 - 1. if satisfied, endorses the revised documentation; or
 - 2. if not satisfied, notifies the applicant accordingly.
 - v) where EDQ notifies the applicant as stated under iv.2. above, repeat steps iii. and iv. above. If either party is not satisfied by the outcome of this process, that party can elect to enter into a mediation process with an independent mediator agreed to by both parties.

Despite note v. above, the condition (or element of the condition) is determined to have been met only when EDQ endorses relevant documentation.

SUBMITTING DOCUMENTATION TO EDQ:

Where a condition of this approval requires documentation to be submitted to either EDQ DA or EDQ TS, submit the documentation to:

EDQ DA at: pdadevelopmentassessment@dsdmip.qld.gov.au. EDQ TS at: EDQ PrePostConstruction@dsdmip.qld.gov.au.

¹ The EDQ Development Assessment Fees and Charges Schedule is available at EDQ's website.

² The Compliance Assessment form is available at EDQ's website. It sets out how to submit documentation for Compliance Assessment and how to pay Compliance Assessment fees.

No.	Condition	Timing
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	(STAGES 1A TO 1C)	
Gener		T
1	Carry out the approved development Carry out the approved development generally in accordance with: i. the approved plans and documents; and ii. any other documentation endorsed via Compliance Assessment as required by these conditions.	Prior to commencement of use, or endorsement of the BFP, whichever occurs first
2	Maintain the approved development	
	Maintain the approved development generally in accordance with: a) the approved plans and documents; and b) any other documentation endorsed via Compliance Assessment as required by these conditions.	At all times following commencement of use
Plann	ing and Urban Design	
3	Sufficient Grounds - Creative Lighting – Compliance Assessment	
	a) Submit to EDQ DA for Compliance Assessment a detailed creative lighting strategy prepared by a suitably qualified consultant which demonstrates the building has been designed to incorporate creative lighting generally in accordance with: i. Council's 'City of Lights Strategy 2017'; ii. Australian Standard AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting; and iii. The following approved plans: 1. 'Tower 1 Lighting Design', prepared by Red Door Architecture (April 2021) 2. 'Ground Floor – Lighting Design Plan', prepared by Red Door Architecture (Ref. DA-810, Rev. 8, dated 19 April 2021) 3. 'Podium & Roof – Lighting Design Plan', prepared by Red Door Architecture (Ref. DA-811, Rev. 8, dated 19 April 2021)	a) Prior to commencement of building works
	b) Construct the approved development generally in accordance the creative lighting strategy endorsed under part a) of this condition.	b) Prior to commencement of use or BFP endorsement, whichever occurs first
	c) Submit to EDQ DA, documentation prepared by a suitably qualified consultant, which certifies the development has been constructed generally in accordance the creative lighting strategy endorsed under part a) of this condition.	c) Prior to commencement of use

Enviro	Environmentally Sustainable Design					
4	Sufficient Grounds - Energy Efficiency – Compliance Assessment					
	a) Submit to EDQ DA for Compliance Assessment a detailed energy efficiency report prepared by a suitably qualified consultant which demonstrates that the building has been designed to incorporate all the following: i. integration of solar generation technology within the built form or public realm. ii. integration of green roofs, green walls or other sustainable landscape elements within the built form and the public realm. iii. integration of smart technology which passively controls the use of electricity.		Prior to commencement of site works			
	construct the approved development generally in accordance the energy efficiency report endorsed under part a) of this condition.	b)	Prior to commencement of use or BFP endorsement, whichever occurs first			
	s) Submit to EDQ DA, documentation prepared by a suitably qualified consultant, which certifies the development has been constructed generally in accordance the energy efficiency report endorsed under part a) of this condition.	c)	Prior to commencement of use			
5	Sufficient Grounds - Electric Vehicle Charging Station					
	a) Install a minimum three (3) Destination chargers (three phase 22kW AC charger or 25kW DC) in a visitor car park on the Level 2 Carpark. These car parks are to be reserved for short term parking, with a 1 to 3-hour time limit.	a)	Prior to commencement of use, or endorsement of the BFP, whichever occurs first			
	 Submit to EDQ TS evidence that the requirements of part a) of this condition have been met. 	b)	Prior to commencement of use or BFP endorsement, whichever occurs first			
6	Electric Vehicle Charging Station Capacity					
	 i) Install the following: i) Electrical capacity for Basic AC charging on all non-visitor (i.e. employee) parking spaces. The Basic AC charging must be installed such that it can be readily replaced with a dedicated electric vehicle charger at a later date. ii) Electrical load control to manage development peak demand for electronic vehicle charging. 	a)	Prior to commencement of use, or endorsement of the BFP, whichever occurs first			
	 Submit to EDQ TS evidence that the requirements of part a) of this condition have been met. 	b)	Prior to commencement of use or BFP endorsement, whichever occurs first			

Sustainability – Compliance Assessment

- a) Submit to EDQ DA for Compliance Assessment a sustainability report prepared by a suitably qualified consultant which demonstrates how the building has been designed to satisfy Section 2.5.4.1 of the Bowen Hills Priority Development Scheme.
- a) Prior to
 commencement of site
 works
- b) Construct the approved development generally in accordance the report endorsed under part a) of this condition.
- b) Prior to commencement of use or BFP endorsement, whichever occurs first
- c) Submit to EDQ DA, documentation prepared by a suitably qualified consultant, which certifies the the development has been constructed generally in accordance the sustainability report endorsed under part a) of this condition and satisfies Section 2.5.4.1 of the Bowen Hills Priority Development Scheme.
- c) Prior to
 commencement of
 use, unless otherwise
 agreed in writing by the
 MEDQ

Landscaping

- Sufficient Grounds Landscape works Interim Park (Stage 1B) Compliance Assessment
 - a) Submit to EDQ DA, for Compliance Assessment, detailed landscape plans, certified by an AlLA Registered Landscape Architect, for the proposed landscape works within the interim park area as outlined on approved plan Tower 1 Site Plan – Ultimate Park & Road Reserve', prepared by Red Door Architecture (DA-051, Rev. 3, 19 April 2021). The certified plans must include a schedule of proposed standard and non-standard Contributed Assets and landscape works designed generally in accordance with:
 - i) Council Standards; and
 - ii) the following approved plans:
 - 'Tower 1 Site Plan Overall', prepared by Red Door Architecture (DA-051, Rev. 3, 19 April 2021)
 - 2. 'Tower 1 Site Plan Ultimate Park & Road Reserve', prepared by Red Door Architecture (DA-051, Rev. 3, 19 April 2021)
 - 'Tower 1 Landscape Design Report', prepared by RPS (PR145652-1, Issue O, 20 April 2021 (Amended in Red 13 December 2021)

The certified plans are to include, where relevant:

- existing contours or site levels, services and features;
- clear delineation between park and streetscape;
- proposed finished levels, including sections across and through the open space at critical points (e.g. interface with roads);

a) Prior to
 commencement of site
 works for Stage 1A

- location of proposed drainage and stormwater works within open space, including cross-sections and descriptions;
 locations of electricity and water connections to parks;
 location and details of any proposed vehicle barriers/bollards/landscaping along park frontages to prevent unauthorised vehicular access:
- 7. details and locations of any proposed building works including park furniture, picnic facilities, play equipment, public amenities, car parking, driveways, footpaths and cycling paths:
- trees and plants, including species, size and location generally in accordance with Council's adopted planting schedules and guidelines; and
- 9. public lighting in accordance with Australian Standard AS1158 Lighting for Roads and Public Spaces.
- b) Provide a bond or bank guarantee to the MEDQ, to the satisfaction of the MEDQ, for the full cost of the works and allowances endorsed in part a) of this condition, to secure its compliance.
- c) Construct landscape works generally in accordance with the plans endorsed under part a) of this condition.
- d) Submit to EDQ TS, 'as constructed' plans, certified by an AILA Registered Landscape Architect, in accordance with part a) of this condition.
- e) The interim park must be open and available for the free use of public 24 hours a day 7 days per week.
- f) Obtain and maintain public liability insurance for the park of at least \$20 Million, and submit a certificate of insurance as evidence of insurance to EDQ DA for Compliance Assessment.
- Sufficient Grounds Landscape works Ultimate Park (Stage 1C) Compliance Assessment
 - a) Submit to EDQ DA, for Compliance Assessment, detailed landscape plans, certified by an AILA Registered Landscape Architect, for proposed landscape works within the ultimate park as identified on approved plan *Tower 1 Site Plan – Ultimate Park & Road Reserve*', prepared by Red Door Architecture (DA-051, Rev. 3, 19 April 2021, Amended in Green 19 October 2021). The certified plans must include a minimum 800m2 of unconstrained privately owned land for park and a schedule of proposed standard and non-

- commencement of site works for Stage 1A.
- within twelve (12)
 months of
 commencement of use
 of Stage 1A
- d) Within twelve (12) months of commencement of use of Stage 1A
- e) At all times after completion of the works.
- Prior to the park being made open to the public.
- a) Prior to
 commencement of site
 works for Stage 1A

standard Contributed Assets and landscape works designed generally in accordance with:

- a. Council Standards; and
- b. the following approved plans:
- c. 'Tower 1 Site Plan Overall', prepared by Red Door Architecture (DA-051, Rev. 3, 19 April 2021)
- d. 'Tower 1 Site Plan Ultimate Park & Road Reserve', prepared by Red Door Architecture (DA-051, Rev. 3, 19 April 2021)
- e. 'Tower 1 Landscape Design Report', prepared by RPS (PR145652-1, Issue O, 20 April 2021 (Amended in Red 13 December 2021)

The certified plans are to include, where relevant:

- existing contours or site levels, services and features;
- b. clear delineation between park and streetscape;
- proposed finished levels, including sections across and through the open space at critical points (e.g. interface with roads);
- d. location of proposed drainage and stormwater works within open space, including cross-sections and descriptions;
- e. locations of electricity and water connections to parks:
- f. location and details of any proposed vehicle barriers/bollards/landscaping along park frontages to prevent unauthorised vehicular access;
- g. details and locations of any proposed building works including park furniture, picnic facilities, play equipment, public amenities, car parking, driveways, footpaths and cycling paths;
- h. trees and plants, including species, size and location generally in accordance with Council's adopted planting schedules and guidelines; and
- public lighting in accordance with Australian Standard AS1158 – Lighting for Roads and Public Spaces.
- b) Provide a bond or bank guarantee to the MEDQ, to the satisfaction of the MEDQ, for the full cost of the works and allowances endorsed in part a) of this condition, to secure its compliance.
- c) Submit to EDQ DA, for Compliance Assessment, amended detailed landscape plans, certified by an AILA Registered Landscape Architect, for proposed landscape works within the ultimate park. The certified plans must include a schedule of proposed standard and non-standard Contributed Assets to be transferred to Council and landscape works designed generally in accordance with:
 - a. Council standards at the time of lodgement; and
 - b. The plans endorsed under part a) of this condition.

- Prior to commencement of site works for Stage 1A.
- c) Prior to commencement of site works for Stage 1C.

The certified plans are to include, where relevant:

- existing contours or site levels, services and features
- b. proposed finished levels, including sections across and through the open space at critical points (e.g. interface with roads or water bodies, retaining walls or batters);
- c. location of proposed drainage and stormwater works within open space, including crosssections and descriptions;
- d. locations of electricity and water connections to parks;
- e. location and details of any proposed vehicle barriers/bollards/landscaping along park frontages to prevent unauthorised vehicular access:
- details and locations of any proposed building works including bridges, park furniture, picnic facilities, play equipment, public amenities, car parking, driveways, footpaths and cycling paths;
- g. trees and plants, including species, size and location generally in accordance with Council's adopted planting schedules and guidelines; and
- h. public lighting in accordance with Australian Standard AS1158 –Lighting for Roads and Public Spaces.
- d) Construct landscape works generally in accordance with the plans endorsed under part a) of this condition.
- d) Prior to the commencement of use of any development at 12-18 Thompson Street, Bowen Hills described as Lot 1 on RP121293 and Lot 4 on SP312302 other than the construction of Tower 1A and associated Murray Street improvement Works, the Interim Park (Stage 1B) and associated Murray Street improvement Works, or within 12 months of the early ending of 'Lease No 720666540' on Lot 1 on RP121293, or 17 December 2031, whichever occurs first.
- Submit to EDQ TS, 'as constructed' plans, certified by an AILA Registered Landscape Architect, and asset register in a format acceptable to Council.
- e) Prior to the commencement of use of any development at 12-18 Thompson Street, Bowen Hills described as Lot 1 on RP121293 and Lot 4

on SP312302 other than the construction of Tower 1A and associated Murray Street improvement Works, the Interim Park (Stage 1B) and associated Murray Street improvement Works, or within 12 months of the early ending of 'Lease No 720666540' on Lot 1 on RP121293, or 17 December 2031, whichever occurs first.

- f) The ultimate park must be open and available for the free use of the public 24 hours per day, 7 days per week.
- g) Obtain and maintain public liability insurance for the park of at least \$20 Million, and submit a certificate of insurance as evidence of insurance to EDQ DA for Compliance Assessment.
- f) At all times after completion of the works.
- g) Prior to the park being made open to the public.

10 Sufficient Grounds – Ultimate Park Covenant (Stage 1C) – Compliance Assessment

a) Submit to EDQ DA, for Compliance Assessment, a survey plan, certified by a registered surveyor, to accurately identify the area of the Ultimate Park in accordance with the Ultimate Park Extents Plan in section 2.3 of the approved 'Tower 1 Landscape Design Report', prepared by RPS (PR145652-1, Issue O, dated 20 April 2021 (Amended in Red 13 December 2021)) (Covenant Ultimate Park Area).

For all parts of this condition, prior to commencement of site works of Stage 1A

- b) Register an instrument of covenant with respect to the use of the Covenant Ultimate Park Area and the protection of those parts of Lot 1 on RP121293 and Lot 4 on SP312302 areas identified as the Ultimate Park Area in Lot 1 on RP121293 and Lot 4 on SP312302 in the approved 'Tower 1 Landscape Design Report', prepared by RPS (PR145652-1, Issue O, dated 20 April 2021 (Amended in Red 13 December 2021)) and on the approved Survey Plan endorsed under Condition 10(a).
 - i. The purpose of the covenant is to preserve for delivery the area of the Ultimate Park, and prohibit its use for any purpose other than for Park purposes under section 97A of the Land Title Act 1994, subject to the current building Lease Dealing number 720666540, which is excepted.
 - ii. The covenant precludes the sale or transfer of any part of the Covenant Area and for the retention of the Ultimate Park other than by a transfer to MEDQ or the Council after the

landscaping and embellishment requirements imposed by any applicable approval have been completed.

- c) The details of the covenant must include:
 - The extent of the Covenant Ultimate Park Area on the survey plan endorsed by EDQ DA.
 - ii. The restrictions/obligations that apply with respect to the land the subject of the covenant with reference to section 97A(3)(a)(i) and 97A(3)(c)(i) of the Land Title Act 1994.
 - iii. the covenant terms in approved plan 'Covenant Form 31', prepared by McCullough Robertson, dated 20 December 2021 (Amended in Red 20 December).
- d) Register the covenant prior to commencement of any works for the use (i.e. before Stage 1A).
- e) Submit to EDQ DA, for Compliance Assessment, evidence that a covenant complying with the above requirements has been registered to the titles of Lot 1 on RP121293 and Lot 4 on SP312302.

11 Landscape works (Stage 1A) – Compliance Assessment

Submit to EDQ DA, for Compliance Assessment, detailed landscape plans prepared and certified by an AILA Registered Landscape Architect with experience in the design and maintenance of green facades / walls. The detailed landscape plans shall be generally in accordance with the approved plans and address the following:

For all parts of this condition, prior to commencement of site works

Planting – generally

Provide details, locations, pot size and all plant species to be utilised in the podium and façade landscape.

Podium planters

Provide podium planter details demonstrating the following minimum media depths can be achieved:

- i) Ground covers with a mature height of 200mm or less – minimum 300mm;
- ii) Ground covers with a mature height of 200mm or more – suitable depth to support plant growth and longevity, as per media depth requirements established through compliance assessment;
- iii) Shrubs with a mature height of 200mm or more minimum 600mm;
- iv) Trees minimum 1200mm or rootball depth plus 200mm whichever is greater.
- v) Specify the light-weight media types for Horizon A and Horizon B media profile that are suitable for planting on built structures.

Façade planting

Provide details about the planting and maintenance of any planting on each façade, including:

i) Structure – details of all elements attached to structure to support plant growth / climbing.

- ii) Media type specification of light-weight media suitable for vertical planting on built structures.
- iii) Media volume upper levels:
 - a) Minimum planting depth 400mm minimum media volume.
 - b) 100L media for every 1m² foliage at 100mm of thickness.
 - The system is to be designed to achieve and maintain suitable organic matter, nutrient and water balance to sustain vegetation.

Rooftop planting

Approved plan 'Tower 1 Level – Roof Terrace', prepared by Red Door Architecture (DA-110, Rev. 24, dated 19 August 2021 (Amended in Red 14 September 2021)) to achieve a minimum 9m wide landscape buffer on the southern edge to the boundary of the adjoining site and provide details demonstrating the following minimum media depths can be achieved:

- i) Ground covers with a mature height of 200mm or less – minimum 300mm;
- ii) Ground covers with a mature height of 200mm or more suitable depth to support plant growth and longevity, as per media depth requirements established through compliance assessment:
- iii) Shrubs with a mature height of 200mm or more minimum 600mm;
- iv) Trees minimum 1200mm or rootball depth plus 200mm whichever is greater.
- v) Specify the light-weight media types for Horizon A and Horizon B media profile that are suitable for planting on built structures.

Irrigation and maintenance

Provide design details for all irritation and maintenance which demonstrate the planting will achieve and maintain suitable organic matter, nutrient and water balance to establish and sustain vegetation.

12 Landscape works (Stage 1A) – construction

- a) Construct landscape works generally in accordance with the certified plans submitted under condition 11 of this condition.
- b) Supervise the landscape works under the oversight of an AILA Registered Landscape Architect to ensure works are undertaken in accordance with the approved drawings and documents.
- c) Submit to EDQ DA, AILA Registered Landscape Architect certification that the landscape works have been constructed generally in accordance with part a) of this condition.
- a) Prior to commencement of use or BFP endorsement whichever occurs first
- b) During construction
- Prior to commencement of use or BFP endorsement whichever occurs first

Constru	iction Management & Engineering	
13 F	lours of work - Construction	
fo d	Unless otherwise endorsed, via Compliance Assessment or out of hours work, construction hours for the approved levelopment are limited to Monday to Saturday between ::30am to 6:30pm, excluding public holidays.	During construction unless otherwise endorsed
	Out of hours construction work - Compliance	
V to w th	Where out of hours construction work is proposed, submit to EDQ DA, for Compliance Assessment, an out of hours work request. The out of hours work request must include the applicable fee and a duly completed out of hours work request form ³ .	Minimum of 10 business days prior to proposed out of hours work commencement date
15 C	Certification of Operational Work	
	Carry out all Operational Work under this approval in accordance with the Certification Procedures Manual.	At all times
16 C	Construction Management Plan	
a	Submit to EDQ TS a site-based Construction Management Plan (CMP), prepared by the principal site contractor and reviewed by a suitably qualified and experienced person responsible for overseeing the site works, to manage construction impacts, including: i) noise and dust in accordance with the EP Act; ii) stormwater flows around and through the site without increasing the concentration of total suspended solids or Prescribed Water Contaminants (as defined in the EP Act), causing erosion, creating any ponding and causing any actionable nuisance to upstream and downstream properties; iii) complaints procedures; iv) site management: 1. for the provision of safe and functional alternative pedestrian routes, past, through or around the site; 2. to mitigate impacts to public sector entity assets, including street trees, on or external to the site; 3. for safe and functional temporary vehicular access points and frequency of use; 4. for the safe and functional loading and unloading of materials including the location of any remote loading sites; 5. for the location of materials, structures, plant and equipment; 6. of waste generated by construction activities, including efficiently sort and minimise waste and maximise recycling opportunities; 7. detailing how materials are to be loaded/unloaded;	a) Prior to commencement of site works

 $^{^{\}rm 3}$ The out of hours work request form is available at EDQ's website.

	9. (10. (11.)	of proposed external hoardings and gantries (with clearances to street furniture and other public sector entity assets); of employee and visitor parking areas and strategies to limit on street parking; of anticipated staging and programming; Any services or other authority's assets within and external to the site to be affected by the different phases of the Works, (assets include water, sewer, stormwater, street trees, kerbside allocation signs, line marking, bus stops, loading zones, parking meters and ticket dispensers) the proposed management. and responsible entity for the required approvals to undertake adjustments to the identified asset and the approximate timing of the required adjustment A site layout plan superimposed on the Road plan identifying the areas to be affected by the construction and access activities; and for the provision of safe and functional emergency exit routes.		
		of the CMP submitted under part a) of this named available on site.	b)	During construction
		t all construction work generally in accordance CMP submitted under part a) of this condition.	c)	During construction
17	Erosion and	d Sediment Control Plan		
	Plan (ES profession according according to the constant of the	EDQ TS an Erosion and Sediment Control SCP), certified by a RPEQ or an accredited onal in erosion and sediment control, generally dance with the following documents: truction phase stormwater management on objectives of the <i>State Planning Policy 2017</i> endix 2 Table A); thy Land and Water Technical Note: plying with the SPP – Sediment Management onstruction Sites.	a)	Prior to commencement of site works
	b) Implemen this cond	t the certified ESCP submitted under part a) of lition.	b)	During construction
18	Traffic man	agement plan		
	certified Manage include t i) prov of tr outs ii) prov of p ped iii) prov	to EDQ TS a Traffic Management Plan (TMP), by a person holding a current Traffic ment Design qualification. The TMP must the following: vision for the safe and functional management affic around and through the site during and side of construction work hours; vision for the safe and functional management edestrian traffic, including alternative estrian routes past, through or around the site; vision of parking for workers and materials very;	a)	Prior to commencement of site works

	 iv) risk identification, assessment and identification of mitigation measures; v) ongoing monitoring, management review and certified updates (as required); and vi) traffic control plans and/or traffic control diagrams, prepared in accordance with <i>Austroads Guide to Temporary Traffic Management</i>, for any temporary part or full road closures. 		
	b) Carry out all construction work generally in accordance with the certified TMP submitted under part a) of this condition, which is to be current and available on site. NOTE: Operational traffic changes, such as temporary and permanent	b)	During construction
	lane modifications, relaxation of clearway zone hours or footpath closures may require authorisation from Council or DTMR as road manager. It is recommended that applicants engage directly with the applicable road manager.		
19	Construction noise management plan		
	 Submit to EDQ TS a Construction Noise Management Plan (CNMP), certified by a suitably qualified acoustic engineer. At a minimum, the CNMP must be prepared in accordance with the EP ACT and address the following sections of <i>Australian Standard AS2436-2010</i> as they relate to the site and construction activities: section 3.4 – Community Relations, including schedule of activities, community notification strategy, complaints reporting and response strategies section 4.4 – Post Approval/Construction Planning for Noise and Vibration, including strategies to minimise adverse impacts to proximate sensitive land uses/receptors section 4.5 – Control of Noise at Source, including strategies to control noise at source; section 4.6 – Controlling the Spread of Noise, including noise reduction measures; and v) section 5.0 – Methods for Measurement of Noise and Vibration, including noise measurement and monitoring strategy. 	a)	Prior to commencement of site works
	b) Carry out construction work generally in accordance with the certified CNMP required under part a) of this condition.	b)	During construction
	c) Where requested by EDQ, submit to EDQ TS Noise Monitoring Reports, certified by a suitably qualified acoustic engineer, and evidence of compliance with the community relations elements of the CNMP required under part a) of this condition.		As requested by EDQ
20	Structural monitoring and vibration report		
	 a) Submit to the EDQ TS a Structural Monitoring and Vibration Report (SMVR), certified by a suitably qualified RPEQ, including: i) the process for in-situ testing, based upon actual construction equipment, methods and onsite 	a)	Prior to commencement of site works

geotechnical conditions, to forecast expected vibration during all works, detailing:

- 1. new excavation:
- 2. installation of new foundations (i.e. piling);
- proposed methods to mitigate and control vibration and ground movement during construction;
- ii) an instrumentation and monitoring plan, including drawings, frequency of monitoring, vibration limits and actions to be taken should limits be exceeded. The monitoring must commence prior to excavation, continue during excavation and construction, and finish one month after the completion of permanent works;
- iii) dilapidation survey of surrounding assets and details of on-going monitoring of these assets.
- iv) confirmation that BCC and UU have reviewed the monitoring procedure for works adjacent to the road and drainage and water and sewer infrastructure;
- b) Carry out construction work in accordance with the certified SMVR certified under part a) of this condition.

b) During construction

21 **Earthworks**

- Submit to EDQ TS detailed earthworks plans, certified by a RPEQ, and designed generally in accordance with:
 - i) Australian Standard AS3798 2007 Guidelines on Earthworks for Commercial and Residential Developments; and
 - ii) the approved '*Preliminary Earthworks Layout Plan* (Stage 1)', prepared by Inertia (Job 8858, DWG No. SK010, Rev E, dated 19 April 2021).

The certified detailed earthworks plans shall:

- i) include a geotechnical soils assessment of the site:
- ii) accord with the Erosion and Sediment Control Plans, as required by conditions of this approval;
- iii) include the location and finished surface levels of any cut and/or fill;
- iv) detail areas where dispersive soils will be disturbed, treatment of dispersive soils and their rehabilitation:
- v) provide details of any areas where surplus soils are to be stockpiled;
- vi) detail protection measures to:
 - ensure adjoining properties and roads are not impacted by ponding or nuisance stormwater resulting from earthworks associated with the approved development;
 - preserve all drainage structures from structural loading impacts resulting from earthworks associated with the approved development; and
- vii) where rock or ground anchors are required within adjoining road or land, include consents from relevant road manager(s) and/or landowner(s).

Prior to
 commencement of site
 works

	b)	Carry out earthworks generally in accordance with the certified plans submitted under part a) of this condition.		Prior to commencement of use or BFP endorsement whichever occurs first
	c)	Submit to EDQ TS RPEQ certification that: i) all earthworks have been carried out generally in accordance with the certified plans submitted under part a) of this condition; and ii) any unsuitable material encountered has been treated or replaced with suitable material.	c)	Prior to commencement of use or BFP endorsement, whichever occurs first
22	Ac	id sulfate soils		
	a)	Where on-site ASS is encountered, submit to EDQ TS an ASS management plan, prepared in accordance with the <i>Queensland Acid Sulfate Soil Technical Manual Soil Management Guidelines v4.0 2014</i> (as amended from time to time.	a)	Prior to commencement of or during site works
	b)	Excavate, remove and/or treat on site all disturbed ASS generally in accordance with the ASS management plan submitted under part a) of this condition.	b)	During construction
	c)	Submit to EDQ TS a validation report, certified by a suitably qualified environmental or soil scientist, confirming that all earthworks have been carried out in accordance with the ASS management plan submitted under part a) of this condition.	c) F	Prior to commencement of use or BFP endorsement, whichever occurs first
23	Re	taining walls		
	a)	Submit to EDQ TS detailed engineering plans, certified by a RPEQ, of all retaining walls 1m or greater in height. Retaining walls must be: i) certified to achieve a minimum 50 year design life; ii) designed generally in accordance with Australian Standard AS4678 – Earth Retaining Structures and relevant material standards (e.g. AS3600 – Concrete Structures); iii) located and designed generally in accordance with the approved 'Preliminary Earthworks Layout Plan (Stage 1)', prepared by Inertia (Job 8858, DWG No. SK010, Rev E, dated 19 April 2021).	a)	Prior to commencement of site works
	b)	Construct retaining walls generally in accordance with the certified plans required under part a) of this condition.	b)	During construction
	c)	Submit to EDQ TS certification from an RPEQ that all retaining wall works 1.0m or greater in height have been constructed generally in accordance with the certified plans submitted under part a) of this condition.	c)	Prior to commencement of use or BFP endorsement, whichever occurs first

24 Sufficient Grounds - Murray Street Streetscape Works - Compliance Assessment

- a) Submit to EDQ TS, for Compliance Assessment, detailed streetscape works drawings demonstrating the works to be delivered in Stage 1A and Stage 1B, certified by an AILA, for proposed streetscape works, including a schedule of proposed standard and nonstandard Contributed Assets to be transferred to Council.
 - a) Prior to
 commencement of site
 works

The certified drawings must be designed generally in accordance with the following, where relevant:

- approved plans;
- ii. Council's standards;
- iii. location and type of street lighting in accordance with AS1158 'Lighting for Roads and Public Spaces';
- iv. footpath treatments
- v. Driveways cross overs treatment including tactile paver treatments;
- vi. location and specifications of streetscape furniture:
- vii. location and size of stormwater treatment devices; and
- viii. street trees and plants, including species, size and location generally in accordance with Council's adopted planting schedules and guidelines;
- b) Provide a bond or bank guarantee to the MEDQ, to the satisfaction of the MEDQ, for the full cost of the Stage 1 the satisfaction of the MEDQ, for the full cost of the Stage 1 condition, to secure its compliance.
 -) Prior to commencement of Stage 1A works
- c) Construct Stage 1A streetscape works generally in accordance with the streetscape plans endorsed under part a) of this condition.
- c) Prior to commencement of use or BFP endorsement, whichever occurs first
- d) Submit to EDQ TS 'as constructed' plans for the Stage d) Prior to 1A streetscape works, certified by an AILA, and asset register in a format acceptable to Council.
 - d) Prior to commencement of use or BFP endorsement, whichever occurs first
- e) Maintain the works constructed in Stage 1A.
- e) Until completion of onmaintenance for Stage 1B
- f) Construct Stage 1B streetscape works generally in accordance with the streetscape plans endorsed under part a) of this condition.
- f) Within twelve (12) months of commencement of use of Stage 1A
- g) Submit to EDQ TS 'as constructed' plans for the Stage g)
 1B streetscape works, certified by an AILA, and asset register in a format acceptable to Council.
- g) Within twelve (12) months of commencement of use of Stage 1A

h) Maintain the works constructed in Stage 1B. h) Twelve (12) months after on-maintenance for Stage 1B and agreed with Council 25 Sufficient Grounds - Murray Street Roadworks -**Compliance Assessment** a) Submit to EDQ TS, for Compliance Assessment, a) Prior to commencement of site amended Murray St Roadworks Functional Layout Plans demonstrating the works to be delivered in works Stage 1A and Stage 1B, certified by a RPEQ, in accordance with Council requirements. PDA Guideline No. 13 Engineering standards, and approved plan 'Preliminary External Road Layout Plan (Stage 1)', prepared by Inertia (8858, SK014, Rev. D, dated 16 April 2021) The amended functional layout plan must: demonstrate and label kerb returns are in accordance with BCC Ch3 Road Corridor Design or provide justifications for any departure; ii) detail the length of the indented car parking bays to be 6.3m to comply with BCC TAPS, Figure I – Parallel parking iii) remove the proposed pedestrian crossing, shown a. a raised pedestrian crossing shown in the 'Tower 1 Landscape Design Report', prepared by RPS (PR145652-1, Issue O, dated 20 April 2021 (Amended in Red 13 December 2021)); and b. a zebra crossing on 'Preliminary External Road Layout Plan (Stage 1)', prepared by Inertia (8858, SK014, Rev. D, dated 16 April 2021) (Amended in Red 17 December 2021) iv) extend the northern kerb buildout in line with the existing kerb return: v) provide a sightline assessment which include an assessment of the proposed landscaping and streetscaping and building obstructions at all crossing points; vi) provide details of line-marking and signage; vii) provide details of stormwater upgrades required to service the site: viii) provide street lighting pole location(s); ix) must be coordinated with the streetscape plans; x) must provide dimensions to for on-street car parking, carriageways, lane and verge widths; and xi) safe and effective design treatments to address user conflicts between pedestrians, cyclists and vehicles

b) Submit to EDQ TS detailed engineering design, certified by an RPEQ, that all works are generally in accordance with the endorsed Functional Layout
 b) Prior to commencement of site works

Plans under part a) of this condition.

- c) Provide a bond or bank guarantee to the MEDQ, to Prior to c) the satisfaction of the MEDQ, for the full cost of the commencement of Stage 1B works and allowances endorsed in part a) Stage 1A works of this condition, to secure its compliance d) Carry out Stage 1A roadworks and drainage works d) Prior to generally in accordance with the certified plans commencement of use submitted under part b) of this condition. or BFP endorsement. whichever occurs first e) Maintain the works constructed in Stage 1A. e) Until completion of onmaintenance for Stage 1B Submit to EDQ TS the following for Stage 1A: Prior to i) RPEQ certification that all roadwork and commencement of use drainage has been constructed generally in or BFP endorsement, accordance with the certified plans submitted whichever occurs first under part b) of this condition; ii) all documentation as required by the Construction Procedures Manual; and iii) As-constructed drawings, asset register and test results, certified by a RPEQ, in a format acceptable to Council for all works constructed in accordance with this condition. g) Within twelve (12) g) Carry out Stage 1B roadworks and drainage works generally in accordance with the certified plans months of submitted under part b) of this condition. of Stage 1A h) Within twelve (12) h) Submit to EDQ TS the following for Stage 1B: months of RPEQ certification that all roadwork and drainage has been constructed generally in of Stage 1A accordance with the certified plans submitted under part b) of this condition;
 - ii) all documentation as required by the Construction Procedures Manual; and
 - iii) As-constructed drawings, asset register and test results, certified by a RPEQ, in a format acceptable to Council for all works constructed in accordance with this condition.
 - Maintain the works constructed in Stage 1B.

- commencement of use
- commencement of use

Twelve (12) months after on-maintenance for Stage 1B and agreed with Council

26 Street lighting

Street lighting shall comply with either parts a) and c) or For all parts of this parts b) and c) of this condition.

- a) Design and install a Rate 2 street lighting system, certified by a RPEQ, to all roads, including footpaths/bikeways within road reserves. The design of the street lighting system must:
 - meet the relevant standards of Energex:

condition, prior to commencement of use or BFP endorsement. whichever occurs first

be endorsed by Energex as 'Rate 2 Public Liahtina': iii) be endorsed by Council as the Energex 'billable customer'; iv) be generally in accordance with Australian Standards AS1158 - 'Lighting for Roads and Public Spaces. b) Design and install a Rate 3 street lighting system, certified by a suitably qualified and experienced RPEQ, to all roads, including footpaths/bikeways within road reserves. The design of the street lighting system must: be in accordance with Australian Standards AS1158 – 'Lighting for Roads and Public Spaces' meet the requirements of AS3000 - 'SAA Wiring ii) Rules'. iii) meet the requirements of Energex for unmetered supply be endorsed by the relevant ownership authority. c) Submit to EDQ TS 'as-constructed' plans and test documentation, certified by a RPEQ, in a format acceptable to Council. 27 Vehicle access - Murray Street a) Construct vehicle crossovers: For all parts of this located generally in accordance with the approved condition, prior to plans; and commencement of use or ii) designed generally in accordance with Council's BFP endorsement. adopted standards for a Type B2 (7m) for the whichever occurs first western access and Type B2 (3.7m) for the eastern access. b) Submit to EDQ TS RPEQ certification that the crossovers have been constructed in accordance with part a) of this condition. 28 Compliance Assessment - Car parking and service bays a) Submit to EDQ TS an updated traffic report, certified a) Prior to by a RPEQ for Compliance Assessment. The update commencement of report must: site works Ensure GFAs listed in Tables 1-1 and 1-2 of i) the Tech Memo regarding 'Thompson St, Bowen Hills, Response to EDQ Further Issues Letter', prepared by Cardno, dated 4 Feb 2021, are consistent with the approved architectural plans. includes retail GFA as part of the car park ii) calculation and service bay requirement clearly demonstrates, in accordance with Table iii) 1 in the 'Tech Memo, regarding Thompson St, Bowen Hills, Response to EDQ FI Letter', prepared by Cardno, dated 4 Feb 2021: a. the service bay required by BCC TAPS Table 2. It should be noted that Table 1 shows the minimum number of on-site

		service bays; b. articulate any reduction lower than the TAPS minimum requirements; and c. show van bays near main building entrance in accordance with BCC TAPS Ch 3.3.1, Item 1. The porte cochère cannot be consider a loading zone for commercial vehicles, as it is reserved for passenger drop off and pick up zone. iv) provide a car parking and service bay layout plan, certified by a RPEQ, that meets the above requirements. v) clearly detail any reduction or non-compliance. The report must be amended to demonstrate using similar and relevant examples to the subject development that the reduction of service bays operates satisfactory. vi) provide a layout that demonstrates access and on-site standing for an LRV in accordance with BCC TAPS Ch 3.3.1 Item 3, or otherwise provide RPEQ justification for why an LRV is not required.	
	b)	Submit to EDQ TS detailed engineering design, certified by an RPEQ, for car parking and service bay layout plan generally in accordance with the endorsed report under part a) of this condition.	b) Prior to commencement of site works
	c)	Construct, sign and delineate car parking spaces generally in accordance with <i>Australian Standard AS2890 – Parking Facilities</i> and the approved plans	c) During construction
	d)	Submit to EDQ TS RPEQ certification that parking facilities have been constructed in accordance with part b) of this condition.	d) Prior to commencement of use or BFP endorsement, whichever occurs first
29	Bio	ycle parking	
	a) b)	Construct, sign and delineate bicycle parking facilities generally in accordance with <i>Australian Standard AS2890.3 – 1993 Bicycle parking facilities</i> and the approved plans. Submit to EDQ TS evidence demonstrating bicycle parking facilities have been constructed in accordance with part a) of this condition.	For all parts of this condition, prior to commencement of use or BFP endorsement, whichever occurs first
30	Wa	eter connection	
	reti cur	nnect the approved development to the existing water culation network generally in accordance with Council's rent adopted standards.	Prior to commencement of use or BFP endorsement, whichever occurs first
31	Se	wer connection	
	reti	nnect the approved development to the existing sewer culation network generally in accordance with Urban ities current adopted standards.	Prior to commencement of use or BFP endorsement, whichever occurs first

32	Stormwater connection (lawful point of discharge)	
	Connect the approved development to a lawful point of discharge: a) with 'no-worsening' to upstream or downstream properties for storm events up to 1% Annual Exceedance Probability; and b) generally in accordance with Council's current adopted standards.	For all parts of this condition, prior to commencement of use or BFP endorsement, whichever occurs first
33	Stormwater management – quality	
	 a) Submit to EDQ TS detailed engineering drawings, certified by a RPEQ, for stormwater treatment devices designed generally in accordance with: i) PDA Guideline No. 13 Engineering standards – Stormwater quality and: ii) 'Site Layout Plan, Post Development Drainage and Services (Stage 1)', drawing number, 8858, SK002 rev C, prepared by Inertia, dated 23 March 2020 	a) Prior to commencement of site works
	b) Construct stormwater works generally in accordance with the certified plans submitted under part a) of this condition.	For parts b) and c) of this condition, prior to commencement of use or BFP endorsement,
	c) Submit to EDQ TS RPEQ certification confirming stormwater treatment devices have been constructed generally in accordance with the certified plans submitted under part a) of this condition.	whichever occurs first
34	Stormwater management – quantity	
	 Submit to EDQ TS detailed engineering drawings and hydraulic calculations, certified by a RPEQ, for the stormwater drainage system designed generally in accordance with: i) PDA Guideline No. 13 Engineering standards – Stormwater quantity and: ii) 'Site Layout Plan, Post Development Drainage and Services (Stage 1)', drawing number, 8858, SK002 rev C, prepared by Inertia, dated 23 March 2020 	
	b) Construct stormwater works generally in accordance with the certified plans submitted under part a) of this condition.	b) Prior to commencement of use or BFP endorsement, whichever occurs first
	c) Submit to EDQ TS "as constructed" plans, certified by a RPEQ including an asset register in a format acceptable to Council.	c) Prior to commencement of use or BFP endorsement, whichever occurs first

35	Underground Electrical and Telecommunication Reticulation	
	a) Submit to EDQ TS detailed engineering plans, certified by a RPEQ, for the underground reticulation of electrical and telecommunication for the full frontage of Murray Street designed generally in accordance with Council's (or Energex) adopted standard.	a) Prior to commencement of site works
	 b) Construct the reticulation works generally in accordance with the certified plans submitted under part a) of this condition. 	b) Prior to commencement of use or BFP endorsement, whichever occurs first
36	Electricity	
	 Submit to EDQ TS a Certificate of Electricity Supply from Energex for the provision of electricity supply to the approved development. 	For all parts of this condition, prior to commencement of use or BFP endorsement, whichever occurs first
	 b) Connect the approved development in accordance with the Certificate of Electricity Supply submitted under part a) of this condition. 	
37	Telecommunications	
	a) Submit to EDQ TS documentation from an authorised telecommunication service provider confirming that an agreement has been entered into for the provision of underground telecommunication services to the approved development.	For all parts of this condition, prior to commencement of use or BFP endorsement, whichever occurs first
	 b) Connect the approved development in accordance with the documentation submitted under part a) of this condition. 	
38	Broadband	
	a) Submit to EDQ TS written agreement, from an authorised telecommunications service provider, confirming that fibre-ready pit and pipe infrastructure designed to service the approved development can accommodate services compliant with <i>Industry Guideline G645:2017 Fibre-Ready Pit and Pipe Specification for Real Estate Development Projects</i> .	For all parts of this condition, prior to commencement of use or BFP endorsement, whichever occurs first
	 b) Construct the fibre-ready pit and pipe infrastructure specified in the agreement submitted under part a) of this condition. 	
39	Refuse collection	
	 Submit to EDQ TS evidence of approved refuse collection arrangements, from Council or a private waste contractor, for the approved development. 	a) Prior to commencement of site works
	b) Implement the refuse collection arrangements submitted under part a) of this condition.	b) At all times following commencement of use

40	Acoustic treatments	
	 a) Submit to EDQ TS an updated acoustic report, certified by a RPEQ, that includes impacts and mitigations strategy from mechanical services, and in addition to the recommendations specified in: a. Section 7.1, dot points 2, 3 and 4 of the 'Noise Impact Assessment', prepared by Stantec, dated 20 April 2020. b. Section 2.1 of the 'Technical Memorandum 12-18 Thompson Street Material Change Use under PDA Development Permit Acoustic Aspects', prepared by Stantec, (Project No: 45289, dated 30 September 2020). c. Item 1.g of the 'Technical Memorandum 12-18 Thompson Street Material Change Use under PDA Development Permit Acoustic Aspects', prepared by Stantec, (Project No: 45289, dated 16 November 2020). 	a) Prior to commencement of site works
	 b) Construct the development to include the acoustic treatments specified in the acoustic report endorsed under part (a) of this condition. 	b) During construction
	c) Submit to EDQ TS an RPEQ certification that the requirements of parts a) and b) of this condition have been satisfied.	
41	Air quality treatments	
	 Construct the development in accordance with the approved 'Air Quality Assessment - Proposed Mixed Use Development, Bowen Hills' report, prepared by Air Noise Environment, dated 4 February 2021 	a) During construction
	 Submit to EDQ TS an RPEQ certification that the requirements of parts a) of this condition have been satisfied. 	,
42	Outdoor lighting	
	Outdoor lighting within the site is to be designed and constructed in accordance with Australian Standard AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting.	Prior to commencement of use or BFP endorsement, whichever occurs first
43	Public infrastructure (damage, repairs and relocation)	
	 Repair any damage to existing public infrastructure caused by works carried out in association with the approved development. 	a) Prior to commencement of use or BFP endorsement, whichever occurs first
	b) Where existing public infrastructure require repair or relocation, due to the approved development and/or works associated with the approved development, repair and/or relocate the public infrastructure at no	b) Prior to commencement of use or BFP endorsement, whichever occurs first

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	cost to others and in accordance with statutory requirements and the External Authority's design standards.	
	NOTE: It is recommended applicants record their own dated photographic evidence of the condition of relevant existing public infrastructure both before and after works carried out in association with the approved development.	
Survey	/ing, land transfers and easements	
44	Land transfers – park and open space	
	Where the ultimate park is to be transferred to Council, transfer, in fee simple, to Council as trustee the subject land and undertake any required Reconfiguration of Lot.	At registration of survey plan for the ultimate park lot
45	Public Access 24/7	
	a) Submit to EDQ DA, for Compliance Assessment, plans identifying all areas to be provided 24/7 public access	a) Prior to commencement of use
	 b) Provide 24/7 public access to all locations identified in the plans endorsed under part a) of this condition 	b) At all times
	c) Obtain and maintain appropriate public liability insurance for all public access areas identified in part a) of this condition Note: public access may be closed for reasonable maintenance purposes.	c) Prior to commencement of use and maintain at all times thereafter.
46	Road dedication	
	Dedicate as new road, land identified on supporting plan 'Road Widening Plan – 12-18 Thompson Street', prepared by Brisbane City Council (RC16029, Issue 1, dated 18 September 2019), except for a 2 x 2m chord corner truncation to be dedicated on the southern corner of Thompson and Murray Streets.	Prior to commencement of use or BFP endorsement, whichever occurs first
47	Easements over infrastructure	
	Provide public utility easements, in favour of and at no cost to the grantee, over infrastructure located in land (other than road) for Contributed Assets.	Prior to commencement of use or registration of a Building Format Plan, whichever occurs first
	The terms of public utility easements shall be to the satisfaction of the Chief Executive Officer of the authority which is to accept and maintain the Contributed Assets.	
	INFRASTRUCTURE CONTRIBUTIONS	
48	Infrastructure Contributions	
	Pay to the MEDQ infrastructure charges in accordance with the DCOP, indexed to the date of payment	In accordance with the DCOP
	Where the application is a MCU, certified construction plans detailing the GFA must also be provided to the MEDQ prior to commencement of use for calculation of final charges.	

THE FOLLOWING APPLY TO THE PRELIMINARY APPROVAL (STAGES 2 TO 4)

Future development to be in accordance with the approved Preliminary Approval

Any future development at 12-18 Thompson Street, Bowen Hills described as Lot 1 on RP121293 and Lot 4 on SP312302 must be designed and developed generally in accordance with the following approved documents:

- i. 'Plan of Development', prepared by Mewing Planning Consultants (undated (Amended in Red 13 December 2021))
- ii. 'Masterplan Basement Diagram', prepared by Red Door Architecture (DA-060, Rev. 9, 6 April 2021 (Amended in Red 14 September 2021)
- iii. 'Masterplan Vehicle Circulation Diagram', prepared by Red Door Architecture (DA-061, Rev. 13, 6 April 2021 (Amended in Red 14 September 2021))
- iv. 'Masterplan Pedestrian & Cyclist Circulation', prepared by Red Door Architecture (DA-062, Rev. 6, 6 April 2021 (Amended in Red 14 September 2021))
- v. 'Masterplan Ground Level Diagram', prepared by Red Door Architecture (DA-070, Rev. 6, 6 April 2021 (Amended in Red 14 September 2021))
- vi. 'Masterplan Podium Level Diagram', prepared by Red Door Architecture (DA-071, Rev. 6, 6 April 2021 (Amended in Red 14 September 2021))
- vii. 'Masterplan Tower Diagram', prepared by Red Door Architecture (DA-072, Rev. 12, 6 April 2021 (Amended in Red 14 September 2021))
- viii. 'Staging Masterplan Stage 1', prepared by Red Door Architecture (DA-091, Rev. 9, 19 April 2021 (Amended in Red 13 December 2021))
- ix. 'Staging Masterplan Stage 2', prepared by Red Door Architecture (DA-092, Rev. 9, 19 April 2021 (Amended in Red 13 December 2021))
- x. 'Staging Masterplan Stage 3', prepared by Red Door Architecture (DA-093, Rev. 9, 19 April 2021 (Amended in Red 13 December 2021))
- xi. 'Staging Masterplan Stage 4', prepared by Red Door Architecture (DA-094, Rev. 9, 19 April 2021 (Amended in Red 13 December 2021))
- xii. 'Masterplan Site Sections', prepared by Red Door Architecture (DA-120, Rev. 11, 6 April 2021 (Amended in Red 14 September 2021))
- xiii. 'Masterplan Site Sections', prepared by Red Door Architecture (DA-121, Rev. 11, 6 April 2021 (Amended in Red 14 September 2021))

50	Abbotsford Road Access – Site investigation area	From commencement of
	Access to the proposed development from Abbotsford Road is not permitted. All access to the development to be via Murray Street unless otherwise approved by the MEDQ. Note: For the avoidance of doubt, the existing access to Abbotsford Road as approved under interim use DEV2019/1025 can be maintained until the duration of lawful interim uses approved under PDA Development Approval DEV2019/1025 ceases on 3 June 2033.	use of subsequent development at 12-18 Thompson Street, Bowen Hills described as Lot 1 on RP121293 and Lot 4 on SP312302 and then ongoing, unless otherwise agreed in writing by the MEDQ
	Note: Access from the indicated 'Investigation area (access to Abbotsford Rd)' subject to approval by the MEDQ and to involve consultation with Brisbane City Council.	
51	Whole-of-site Waste Management Strategy Submit a whole-of-site Waste Management Strategy for approval prepared by an appropriately qualified professional.	With the Stage 2 MCU Application and each subsequent MCU approval
52	Whole-of-site plot ratio	With the Stage 2 MCU
	Submit documentation demonstrating compliance with the maximum plot ratio of 3:1 permitted across whole of the site, being Lot 1 on RP121293 and Lot 4 on SP312302.	
	Note: The total site has an area of 12,611m2. which equates to a total allowable GFA across the site of 37,833m2. The Stage 1 Development Permit (DEV2020/1124) approves a total GFA of 12,675m2 or a plot ratio of 4.76:1 (including approved sub-Stages 1A-1C). Stages 2, 3 & 4 are required to have reduced plot ratios to account for the additional plot ratio approved with the Stage 1 Development Permit (DEV2020/1124). The total remaining developable GFA for Stages 2, 3 & 4 is 25,158m2. All development for Stages 2 – 4 is to provide documentation demonstrating compliance with the total allowable GFA across the site of 37,833m2.	
53	Whole-of-site car parking rate	With the Stage 2 MCU
	Submit documentation demonstrating compliance with the maximum of 1 car parking space per 100m2 gross floor area permitted across the whole of the site, being Lot 1 on RP121293 and Lot 4 on SP312302.	
	Note: car parking applies to whole of site, and not to individual towers (i.e. higher rate of car parking can be provided in some buildings, where balanced across other buildings). It is noted that a carparking provision greater this rate was approved in Stage 1 via DEV2020/1124. Stages 2, 3 & 4 are required to have reduced carparking ratios to account for the additional car parks approved with the Stage 1 Development Permit (DEV2020/1124). All development for Stages 2 – 4 must provide documentation demonstrating achievement of this.	

54	Universally accessible communal open space	With the Stage 2 MCU
	Submit documentation demonstrating compliance with the requirement that a minimum 30% of site be universally accessible communal open space.	
	Note: landscaping can be located at ground level and in levels above ground, but must be universally accessible and comply with the communal open space and facilities section of the Mixed Industry and Business Zone	
	Note: the minimum 30% of site requirement must be delivered across the whole of the site and does not need to be achieved by individual stages equally. All development for Stages 2 – 4 must provide documentation demonstrating achievement of this.	
	Note: the design of universally accessible communal open space for individual stages must still comply with the relevant provisions of the Development Scheme.	
55	Energy Efficiency	With the Stage 2 MCU
	Submit documentation prepared by a suitably qualified consultant which demonstrates that each building has been designed to incorporate <u>all</u> the following: i. integration of solar generation technology within the built form or public realm. ii. integration of green roofs, green walls or other sustainable landscape elements within the built form and the public realm. iii. integration of smart technology which passively controls the use of electricity.	
56	Submit documentation prepared by a suitably qualified consultant which demonstrates that each building has	With the Stage 2 MCU Application and each subsequent MCU approval
	been designed to incorporate a minimum two (2) Destination chargers (three phase 22kW AC charger or 25kW DC) and electrical capacity for Basic AC charging on all non-visitor (i.e. employee) parking spaces.	
57	Staging of Development	
	The staging and plan sealing of the development must occur sequentially in the following order, unless otherwise agreed in writing by the MEDQ: • Stages 1A-1C, 2, 3, 4	
	Note: For the avoidance of doubt, Stages 2-4 must occur after Stage 1A-1C.	

STANDARD ADVICE

Please note that to lawfully undertake development, it may be necessary to obtain approvals other than this PDA development approval. For advice on other approvals that may be necessary in relation to your proposal, it is recommended that you seek professional advice.

SUFFICIENT GROUNDS PACKAGE ADVICE

Please note that the sufficient grounds package accepted by the MEDQ as satisfying Section 2.2.3 of the Bowen Hills PDA Development Scheme, comprises compliance with all following conditions in full:

- 1. Condition 3:
- 2. Condition 4;
- 3. Condition 5;
- 4. Condition 8
- 5. Condition 9;
- 6. Condition 10;
- 7. Condition 24; and
- 8. Condition 25.

** End of Package **