

37-41 Oxford Street Epping Transport Impact Assessment

Prepared for:

Meriton Group

8 November 2021

The Transport Planning Partnership

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37-41 Oxford Street Epping Transport Impact Assessment

Client: Meriton Group

Version: V05

Date: 8 November 2021

TTPP Reference: 21111

Quality Record

Version	Date	Prepared by	Reviewed by	Approved by	Signature
V01	13/10/21	Jason Huang	Kelly Yoon	Ken Hollyoak	DRAFT
V02	02/11/21	Jason Huang	Kelly Yoon	Ken Hollyoak	FINAL DRAFT
V03	03/11/21	Jason Huang	Kelly Yoon	Ken Hollyoak	FINAL
V04	04/11/21	Jason Huang	Kelly Yoon	Ken Hollyoak	FINAL
V05	08/11/21	Jason Huang	Kelly Yoon	Ken Hollyoak	KI Muy L



Table of Contents

1	Intro	oduction	1
	1.1	Introduction	1
	1.2	Report Structure	1
2	Exist	ing Conditions	2
	2.1	Site Description	2
	2.2	Surrounding Road Network	3
	2.3	Public Transport	4
	2.4	Active Transport Infrastructure	5
3	Prop	posed Development	6
	3.1	Proposal Description	6
	3.2	Proposed Vehicle Access Arrangement	7
	3.3	Proposed Refuse Collection and Loading Facilities	8
4	Park	ing Requirements	9
	4.1	Car Parking Requirements	9
	4.2	Accessible Parking Requirements	10
	4.3	Bicycle/ Motorcycle Parking Requirements	11
	4.4	Car Share Bay	11
	4.5	Car Parking Layout	11
5	Traff	ic Assessment	13
	5.1	Approved Traffic Generation	13
	5.2	Proposed Traffic Generation	13
6	Con	aclusion	15



Tables

Table 2.1: Road schedule	3
Table 2.2: Public Transport Facilities	4
Table 4.1: Car Parking Requirements	9
Table 4.2: Accessible Parking Requirements	10
Table 4.3: Bicycle Parking Requirements	11
Table 4.4: Car Parking Dimensions	12
Table 5.1: Proposed Development Traffic Generation Estimates	14
Figures	
Figure 2.1: Locality Map	2
Figure 2.2: Public Transport Network Map	4
Figure 2.3: Surrounding Cycleways	5
Figure 3.1: Proposed Site Plan	7

APPENDICES

- A. DEVELOPMENT PLANS
- B. SWEPT PATH DIAGRAMS



1 Introduction

1.1 Introduction

The Transport Planning Partnership (TTPP) has been commissioned by Meriton Group to provide traffic, transport and parking advice to support a number of development applications (DAs) to be lodged with City of Parramatta Council at 37-41 Oxford Street, Epping.

The site has a concept plan (DA/314/201730) approved for a 30-storey mixed use tower with four storey basements, including:

- 257 residential units
- 438m² GFA of retail space, and
- 591m² GFA of commercial space.

TTPP has prepared this a traffic and transport impact assessment to address the following planning applications:

- An early works DA seeking consent for demolition and excavation
- A Stage 2 detailed DA to seek consent for the construction of a 30-storey mixed use tower building with a six-level basement
- An amending DA to the approved Concept DA seeking consent for the introduction of a childcare use
- A Section 4.55 (2) modification application to amend the approved building envelope, and any conditions of consent that require modification as a result of significant design changes.

The applications will be submitted to Council concurrently.

1.2 Report Structure

The remainder of this report is set out as follows:

- Chapter 2 discusses the existing conditions including a description of the subject site
- Chapter 3 provides a brief description of the proposed development
- Chapter 4 assesses the proposed on-site parking provisions and internal layout
- Chapter 5 examines the traffic generation and its impact
- Chapter 6 presents the conclusions of the assessment.



2 Existing Conditions

2.1 Site Description

The subject site is located at 37-41 Oxford Street, Epping and falls within the local government area of City of Parramatta Council (Council). The site of 4,969m² has a 37m frontage to Oxford Street to the west and is currently a vacant office space, providing paid public parking and advertised for short-term lease.

Under the Hornsby Local Environmental Plan 2013, the site is zoned as B2 – Local Centre and specifically identified as part of the Epping Town Centre Core (ETCC).

The site location and its surrounds are shown in Figure 2.1.

Eppin Legend

Site Location

Pompadours

Rangy Rd

Rangy Rd

Rangy Rd

Rangy Rd

Rangy Rd

Remain Rangy

Remain R

Figure 2.1: Locality Map

Source: Google Maps, accessed 13 September 2021

Land use surrounding the site primarily comprises commercial, medium-high density residential and mixed-use developments, as well as Arden Anglican School.



2.2 Surrounding Road Network

The local road network is summarized in Table 2.1.

Table 2.1: Road schedule

Street Name	Classification	Description
M2 Motorway (MR6002)	Arterial Road	 East-west connection between Lane Cove and Baulkham Hills Approximately 95,000 vpd near the site Variable speed limit (default 100km/h) near the site Six-lane, bidirectional road near the site, with barrier medians.
Beecroft Road (MR139)	Sub-Arterial Road	 North-south connection between Pennant Hills Road (at Beecroft) and Epping Road (Epping) Approximately 50,000 vpd 60km/h speed limit near the site Four-lane, bidirectional road near the site, with raised medians.
Epping Road (MR373)	Collector Road	 East-west connection between Beecroft Road (at Epping) and the M2 Motorway (at Lane Cove) Approximately 50,000 vpd 60km/h speed limit Five-lane bi-directional road near the site, with raised medians Parking is not permitted either side of the road
Blaxland Road (MR139)	Collector Road	 North-south connection between Epping Road (at Epping) and Lane Cove Road (Ryde). Approximately 30,00 vpd 60km/h speed limit Four-lane, bidirectional road near the site, with raised medians Parking is not permitted either side of the road
Oxford Street	Collector Road	 North-south road connecting Norfolk Road (North Epping) to Pembroke Street (Epping), 50km/h speed limit Two-lane, bidirectional road Free, duration-limited parking is permitted on both sides of the road
Chester Street	Local Road	 East-west road connecting Gloucester Road and Cambridge Street 50km/h speed limit Two-lane, bidirectional road Currently parking is unrestricted on both sides of the road, however Council is currently exhibiting proposal to impose time-of-day and duration-limited parking.



2.3 **Public Transport**

There are well-established public transport facilities available in the vicinity of the site. A summary of the major public transport facilities and respective frequencies are illustrated in Table 2.2.

Table 2.2: Public Transport Facilities

Service	Route	Cita Description	Frequency		
service	koute	Site Proximity	AM/ PM Peak	Interpeak	
Rail	T9: Gordon – Central	175m	1 per 5 minutes	1 per 15 minutes	
Kali	CCN: Gordon - Central	173111	1 per 15 minutes	1 per 30 minutes	
Metro	M: Chatswood - Tallawong	175m	1 per 4 minutes	1 per 10 minutes	
	288 – Epping to City Erskine St		1 per 30 minutes	1 per 15 minutes	
	291 – McMahons Pt to Epping	125m	1 per 30 minutes	1 per 1 hour	
Bus	295 – North Epping to Epping		1 per 10 minutes	1 per 1 hour	
	541 – Epping to Eastwood	195m	1 per 30 minutes	1 per 1 hour	
	550 – Parramatta to Macquarie Park	225m	1 per 10 minutes	1 per 7-8 minutes	

Source: Transport for NSW

The public transport network map for the local area is portrayed in Figure 2.2.

Figure 2.2: Public Transport Network Map



Source: Transport for NSW, accessed 14 September 2021



2.4 Active Transport Infrastructure

Pedestrian footpaths are provided on all streets surrounding the site, with suitable verges and widths. Formal pedestrian crossings are available at key intersections near the site.

Cycling routes surrounding the site include both off-road and on-road environments as shown in the cycleway network map in Figure 2.3.

Map layer filter **/** No Access Freeway Hard Difficulty Hard Difficulty **Moderate Difficulty /** Moderate Difficulty Low Difficulty **/** Low Difficulty Epping TO Off Road Boronia Park Epping Rd Off Road Epping Forest Park TG Millner Sportsground

Figure 2.3: Surrounding Cycleways

Source: Roads and Maritime Services Cycleway Finder 2018, accessed 14 September 2021



3 Proposed Development

3.1 Proposal Description

The proposed development involves the construction of a 30-storey tower comprising:

- 211 residential units, with the following unit mix:
 - 43 one-bedroom units
 - 124 two-bedroom units
 - 42 three/ four-bedroom units
 - 2 four-bedroom units
- 426m² GFA childcare centre with 60 children and 11 staff
- 64m² GFA of retail space
- 750m² GFA of commercial space, comprising 6 offices in total
- 80m² GFA gym for use by tenants.

Parking provisions for the proposed development include six basement levels including:

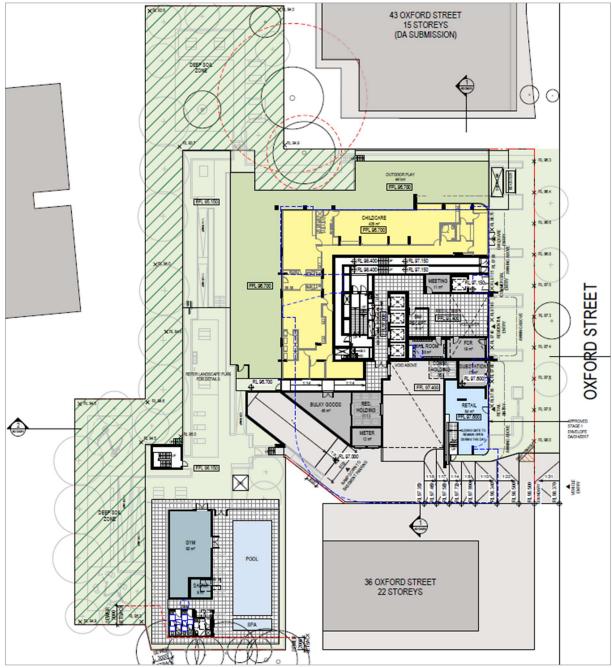
- 317 car parking spaces
 - 283 spaces for residential use
 - 15 spaces for commercial use
 - 3 spaces for retail use
 - 15 spaces for childcare use
 - 1 carshare space
- 1 car wash bay
- 22 bicycle parking spaces and 4 motorcycle bays.

The adequacy of the proposed parking provisions is further discussed in Section 4.

The architectural layout plans are enclosed in **Appendix A** and a site plan is shown in Figure 3.1.



Figure 3.1: Proposed Site Plan



Reference: DWG No. AD-DA100 Rev 5, prepared by Scott Carver, published 4 November 2021

3.2 Proposed Vehicle Access Arrangement

It is proposed that an 8.1m wide access driveway at Oxford Street will provide direct vehicle access to the basement car park and loading dock. A swept path assessment for all major manoeuvres have been undertaken and enclosed in **Appendix B**.



3.3 Proposed Refuse Collection and Loading Facilities

Consistent with the approved concept plan, a ground level loading dock is proposed within the site to serve the proposed development. This loading dock would be designed to accommodate a vehicle up to and including a 12.5m long Council's waste truck. A minimum vertical clearance of 4.5m would be provided within the loading dock.

A swept path assessment has been conducted using a 12.5m long heavy rigid vehicle, which demonstrates appropriate manoeuvrability into and out of the loading dock. All service vehicles would enter and exit the site in a forward direction. This swept path assessment is provided in **Appendix B**.



4 Parking Requirements

4.1 Car Parking Requirements

The site falls under the City of Parramatta local government area. However, the site had previously been under the jurisdiction of Hornsby Shire Council and the Hornsby Development Control Plan (DCP) 2013 continues to be applicable to the area. Moreover, the site is specifically classified as part of the Epping Town Centre Core (ETCC).

The parking requirements for the proposed development have been assessed with reference to the Hornsby DCP 2013, specifically for the ETCC if applicable. If not, rates for the broader Hornsby DCP 2013 have been adopted.

It is noted that the gym is ancillary to residential uses and not intended for public use. Therefore, the gym is not expected to generate any parking demand and excluded in the parking assessment.

Table 4.1 provides a summary of the above parking requirements for the proposed development.

Table 4.1: Car Parking Requirements

Land Use	Detail	Size	DCP Car Parking Rates	Permitted Parking Spaces	Proposed Parking Spaces
	One-bedroom apartment	43 units	Max. 0.4 spaces per dwelling	17	
High-Density	Two-bedroom apartment	124 units	Max. 0.7 spaces per dwelling	87	252
Residential	Three/ four-bedroom apartment	42 units	Max. 1.2 spaces per dwelling	53	
	Total (for visitor parking)	211 units	Min. 1 space per 7 dwellings	31 (Min)	31
Childcare centre		60 children	Min. 1 space per 4 children	15 (Min)	15
Retail		64m²	Max. 1 space per 30m ² GFA	3	3
Commercial		750m²	Max. 1 space per 50m² GFA	15	15
Car Share			1 car share bay for developments with over 50 car spaces	1	1
		222	317		

It is noted that Meriton seeks to provide surplus provisions to the DCP-permitted rates. However, it is noted that the desired outcomes of the DCP include "car parking and bicycle facilities that meet the requirements of future occupants and their visitors".



Based on Meriton's experience on numerous residential developments in the Sydney Metropolitan area, the proposed car parking provision is expected to meet the parking demand of the future occupants.

Furthermore, it is noted that the following nearby streets currently have unrestricted on-street parking available:

- Northern side of Chester Street, west of Oxford Street
- Both side of Chester Street, east of Oxford Street
- Both sides of Essex Street, east of Oxford Street
- Both sides of Oxford Street, north of Chester Street.

Hence, it would be a better outcome to accommodate car parking demand generated by the proposed development on-site rather than potentially occupying the nearby public roads.

In addition, the effect of additional car parking provision would have minimal impact on the surrounding network. This is further explained in Section 5.

4.2 Accessible Parking Requirements

The accessible parking rates have also been assessed against Hornsby DCP 2013 rates, shown in Table 4.2.

Table 4.2: Accessible Parking Requirements

Land Use	Car Parking Provision	Other qualifier (if applicable)	Accessible Parking Rates	Required Accessible Spaces	Accessible Parking Provision
High-Density Residential	283 spaces	22 adaptable units	1 for each Adaptable Design unit as per AS2890.6 (2011)	22	22
Childcare centre	15 spaces	N/A	2-3% of spaces	0.45	
Retail	3 spaces	N/A	1-3% of spaces	0.09	2
Commercial	15 spaces	N/A	1-3% of spaces	0.45	
		TOTAL		23	24

A total of 23 accessible car parking spaces are required. It is proposed to provide 24 accessible car parking spaces, which exceeds the DCP requirements.



4.3 Bicycle/ Motorcycle Parking Requirements

Hornsby DCP 2012 requires provision of four motorcycle spaces on sites with more than 25 car parking spaces. Plans show allocation for four motorcycle spaces, which satisfies Council's DCP requirements.

Bicycle parking requirements as per the Hornsby DCP 2012 are shown in Table 4.3.

Table 4.3: Bicycle Parking Requirements

Land Use	Description	Size	Bicycle Rates	Bicycle Requirements	Bicycle Provision
High-Density	Residents	211 units	1 space per 5 units for residents	43	Within storage units
Residential	Visitors	211 units	1 space per 10 units for visitors	21	
Childcare centre		11 staff	1 space per 20 FTE staff (or part thereof)	1	22
Retail		64m²	N/A	-	-
Commercial	< 1200m²	750m ²	N/A	-	-
		TOTAL		65	22 plus storage units

A total of 65 bicycle spaces are required for the development, which includes 43 bicycle spaces for residents and 22 bicycle spaces for visitors and childcare centre staff.

Bicycle spaces for residents will be provided within their storage units. It is proposed to provide 22 bicycle spaces for visitors and childcare centre staff, which satisfies the DCP requirements.

4.4 Car Share Bay

One car share bay has been provided as per the Hornsby DCP 2012 requirements for developments with over 50 car parking spaces.

4.5 Car Parking Layout

The car park layout has been reviewed against the requirements of the Australian Standards for Off-Street Car Parking (AS2890.1:2004). The Australian Standard requires car parking spaces to be provided according to its use.

Residential, domestic and employee parking to be provided as Class 1A parking spaces. Long-term city and town centre parking, sports facilities, entertainment centres, hotels, motels, airport visitors (generally medium-term parking) to be provided as Class 2 parking spaces. The childcare centre is classified as a User Class 3 facility. Examples of Class 3 facilities



include short-term city and town centre parking, parking stations, hospital and medical centres.

Table 4.4 summarises the minimum dimensions required for the parking spaces in the proposed development.

Table 4.4: Car Parking Dimensions

Land Use	Class	Width	Length	Aisle Width
Residential/ office staff	1A	2.4m	5.4m	5.8m
Retail	2/3	2.5m – 2.6m	5.4m	5.8m
Childcare centre	3	2.6m	5.4m	5.8m

The proposed car park layout complies with the above minimum requirements. Hence, the proposed car parking layout is satisfactory.

In addition to the above, a review of the car park has been undertaken and a summary of the key design elements are summarised as follows:

Vehicle access

- An 8.1m wide access driveway at Oxford Street will provide direct vehicle access to the basement car park and loading dock.
- The proposed driveway and ramp comply with the design requirements in AS2890.1.
- Whilst the proposed driveway ramp grades do not strictly comply with AS2890.2 requirements for a 12.5m HRV, a ground clearance test included in Appendix B demonstrates that a 12.5m HRV can enter/exit the driveway without scraping.

Parking Modules

- All car parking spaces have been designed to comply with minimum requirements specified in Table 4.4.
- Accessible parking spaces have been designed in accordance with AS2890.6 with a minimum of 2.4m width and 5.4m length, and adjacent shared area of the same dimensions.
- Ten x 3.8m wide car parking spaces are proposed for adaptable units. It is recommended that the design of proposed 3.8m wide adaptable car parking spaces should be reviewed by an access consultant.

Swept path diagrams are included in **Appendix B**.

The car park and associated elements are proposed to comply with design requirements set out in the Australian Standards, namely AS2890.1:2004 and AS2890.6:2009. It is however, envisaged that a condition of consent would be imposed requiring compliance with these standards and as such, any minor amendments can be resolved prior to the issue of a Construction Certificate.



5 Traffic Assessment

5.1 Approved Traffic Generation

As part of the approved concept plan, Ason Group has previously completed a traffic impact assessment for the DA in 2017. The concept plan includes:

- 257 residential units
- 438m² GFA of retail space
- 591m² GFA of commercial space.

Traffic generation of the previously approved concept plan consists of 62 (AM) and 66 (PM) vehicle trips per hour during the peak periods.

5.2 Proposed Traffic Generation

TfNSW provides traffic generation rates for different land uses in the Guide to Traffic Generating Developments (GTGD) and in their technical direction TDT 2013/4a containing revised rates.

For the purpose of estimating traffic generation, the following traffic generation rates have been adopted:

- For high-density residential uses:
 - 0.15 vehicle trips per car space (AM peak)
 - 0.12 vehicle trips per car space (PM peak)

Note: Trips per car space have been considered to assess the impact of the additional car parking provisions outlined in Section 4.1.

- For childcare centre:
 - 0.8 trips per child (AM peak)
 - 0.7 trips per child (PM peak)
- For secondary retail:
 - 2.3 vehicle trips per 100m² gross leasable floor area (GLFA)* (AM Peak)
 - 4.6 vehicle trips per 100m² GLFA (Thursday PM peak) (PM Peak)
- For commercial uses:
 - 1.6 trips per 100m² GFA (AM Peak)
 - 1.2 trips per 100m² GFA (PM Peak)



A summary of the proposed development traffic generate estimates is provided in Table 5.1.

Table 5.1: Proposed Development Traffic Generation Estimates

Laurel Han	C:	Trip	Rate	Trip Generation Estimate	
Land Use	Size	AM Peak	PM Peak	AM Peak	PM Peak
High-Density Residential	283 spaces	0.15 trips per unit	0.12 trips per unit	42.5	34.0
Childcare centre	60 children	0.8 trips per child	0.7 trips per child	48.0	42.0
Retail	64m²	2.3* trips per 100m² GFA	4.6 trips per 100m² GFA	1.5	2.9
Commercial	750m²	1.6 trips per 100m² GFA	1.2 trips per 100m² GFA	12.0	9.0
TOTAL				104 trips	88 trips

NOTE: *for land uses where only a PM peak is recorded/ applicable, it has been assumed that the site will generate half the trips in the AM peak

Table 5.1 indicates that the proposed development is expected to generate 104 vehicle trips in the AM peak hour and 88 vehicle trips in the PM peak hour.

In comparison with the previously approved DA, the net increase in traffic is expected to be 42 additional trips in the AM peak, and 22 additional trips in the PM peak hour. This equates to one additional vehicle movement every one to three minutes, which is considered negligible.

Hence, in comparison to the approved DA, the proposed development traffic is considered minimal and could not be expected to result in any noticeable traffic impacts on the surrounding road network.



6 Conclusion

This traffic impact assessment report relates to a proposed mixed-use development at 37-41 Oxford Street, Epping. The key findings of the report are presented below.

- The site was previously approved for a 30-storey mixed-use tower (DA314/201730).
- The proposed development includes 30-storey tower comprising 211-unit apartment with lower-level childcare, retail and commercial tenancies.
- An 8.1m wide access driveway at Oxford Street will provide a direct vehicle access to the basement car park and loading dock.
- It is proposed to provide a loading dock to facilitate all loading and unloading activities associated with the proposed development, including waste collection using Council's 12.5m long waste truck.
- The Hornsby ETCC DCP 2013 outlines a provision of 222 car parking spaces. However, based on Meriton's experience on numerous residential developments in the Sydney Metropolitan area, the proposed car parking provision, that is, 317 spaces are expected to meet the parking demand of the future occupants. Furthermore, it would be a better outcome to accommodate car parking demand generated by the proposed development on-site rather than potentially occupying the nearby public roads.
- It is proposed to provide 24 accessible car parking spaces, four motorcycle spaces,
 22 bicycle spaces and one car share bay which complies with the DCP requirements.
- The proposed development is expected to generate 104 vehicle trips per hour in the AM peak and 88 vehicle trips per hour in the PM peak period. In comparison with the approved DA, the net increase in traffic is expected to be 42 additional trips in the AM peak, and 22 additional trips in the PM peak hour. This equates to one additional vehicle movement every one to three minutes, which is considered negligible.

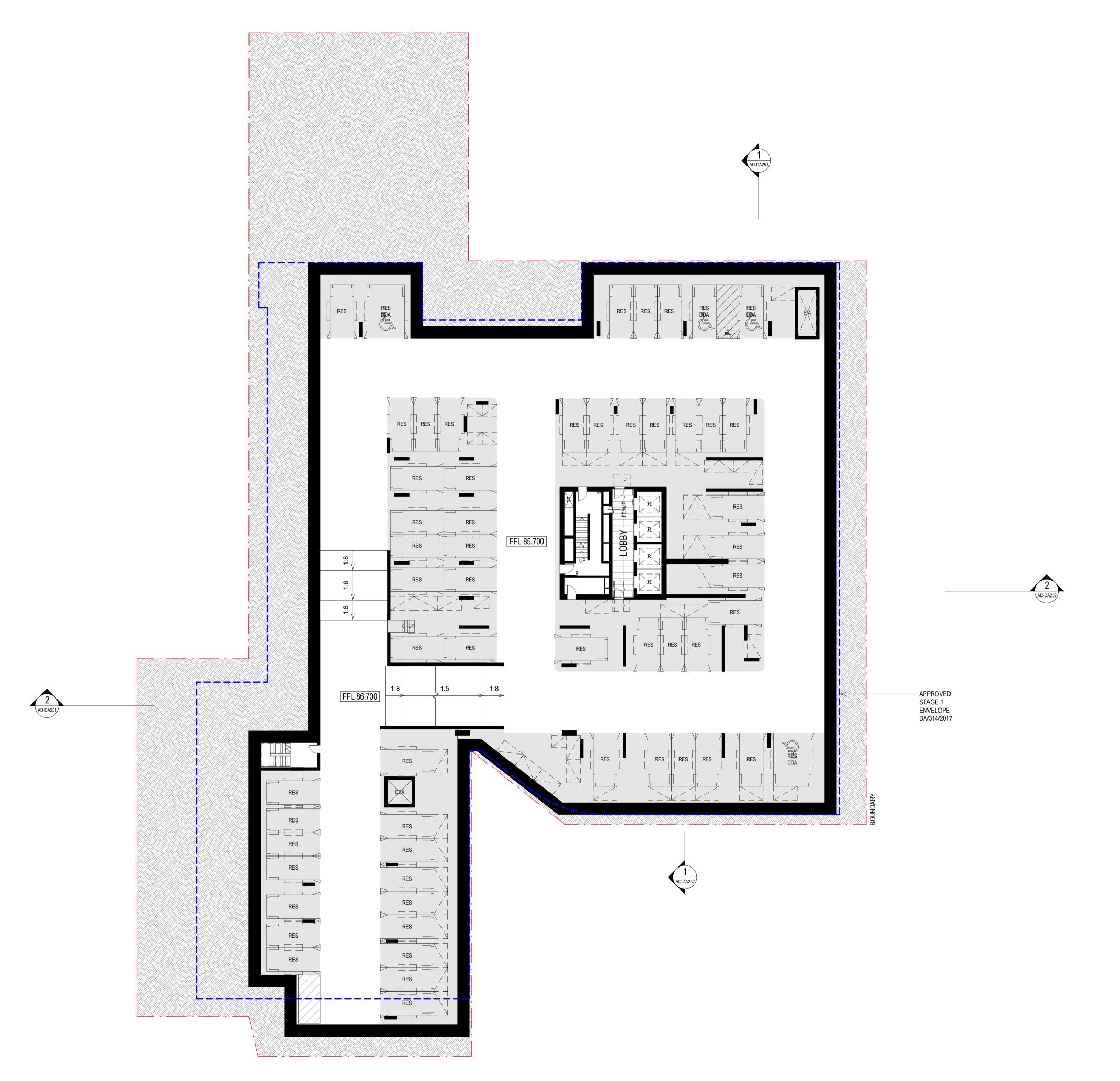
Overall, the traffic and parking aspects of the proposed development is considered to be satisfactory.



Appendix A

Development Plans

21111-R01V05-211108-TIA Appendix A



TOTAL CAR PARKING REQUIREMENT: RESIDENTIAL CAR PARKING [Nom. Architect] NICHOLAS BANDOUNAS /8499 UNITS (MAXIMUM) = 157 VISITORS (MINIMUM) = 31 20200100-AB-DA002 **RESIDENTIAL TOTAL** = 188 GROUND FLOOR CHILDCARE = 15 26/10/2021 3:54:13 PM GROUND FLOOR RETAIL = 3 L1 OFFICES = 15 1 x CARSHARE = 1 [Rev#] [Description] = 222 REQUIRED PARKING SPACES FOR REVIEW FOR REVIEW FOR REVIEW BIKE PARKING (HORNSBY DCP) DEVELOPMENT APPLICATION RESIDENT (1 PÈR 5 UNITS) = 43 VISITOR (1 PER 10 UNITS) = 22 **TOTAL BIKES** = 65 BASEMENT 1 (WITH BOH) = 34 BASEMENT 2 = 55 BASEMENT 3 = 57 **BASEMENT 4** = 57 **BASEMENT 5** = 57 **BASEMENT 6** = 57 TOTAL CARPARK SPACES = 317

 $= 348m^2$

= 1,314m²

DEEP SOIL ZONE REQUIRMENTS

7% OF SITE AREA (4970m²) AVAILABLE DEEP SOIL ZONE DEVELOPMENT APPLICATION

History

15.10.2021

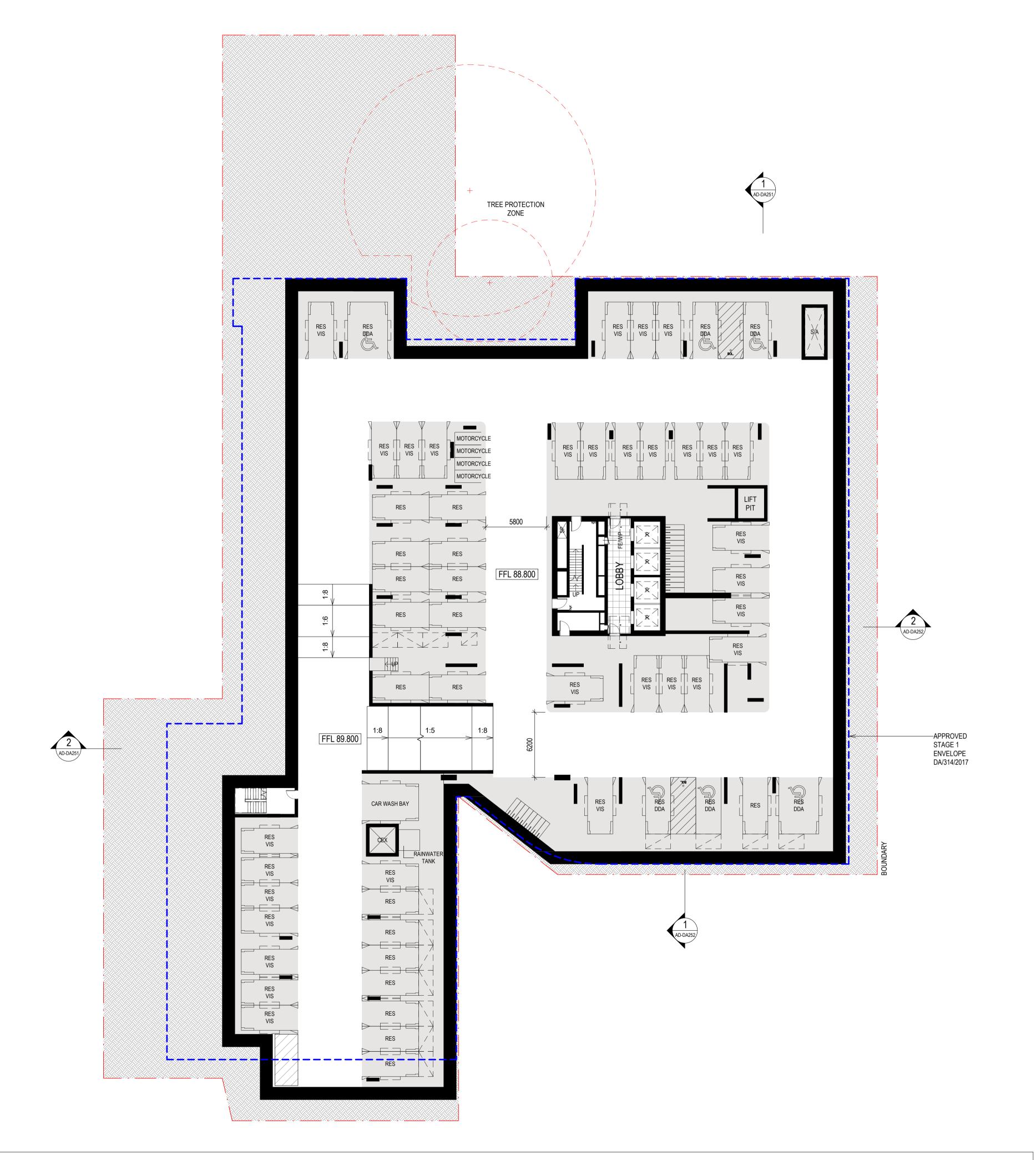
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Level One, One Chifley Square Sydney NSW 2000 Australia www.scottcarver.com.au +61 2 9957 3988



TOTAL CAR PARKING REQUIREMENT: RESIDENTIAL CAR PARKING UNITS (MAXIMUM) = 157 VISITORS (MINIMUM) = 31 **RESIDENTIAL TOTAL** = 188 GROUND FLOOR CHILDCARE = 15 GROUND FLOOR RETAIL = 3 L1 OFFICES = 15 1 x CARSHARE = 1 = 222 REQUIRED PARKING SPACES BIKE PARKING (HORNSBY DCP) RESIDENT (1 PÈR 5 UNITS) = 43 VISITOR (1 PER 10 UNITS) = 22 TOTAL BIKES = 65 BASEMENT 1 (WITH BOH) = 34 BASEMENT 2 = 55 BASEMENT 3 = 57 **BASEMENT 4** = 57 **BASEMENT 5** = 57 **BASEMENT 6** = 57 TOTAL CARPARK SPACES = 317 DEEP SOIL ZONE REQUIRMENTS 7% OF SITE AREA (4970m²) $= 348 m^2$ AVAILABLE DEEP SOIL ZONE = 1,314m²

DEVELOPMENT APPLICATION [Nom. Architect] NICHOLAS BANDOUNAS /8499 20200100-AB-DA002 26/10/2021 3:54:22 PM History [Rev#] [Description] FOR REVIEW 15.10.2021

19.10.2021

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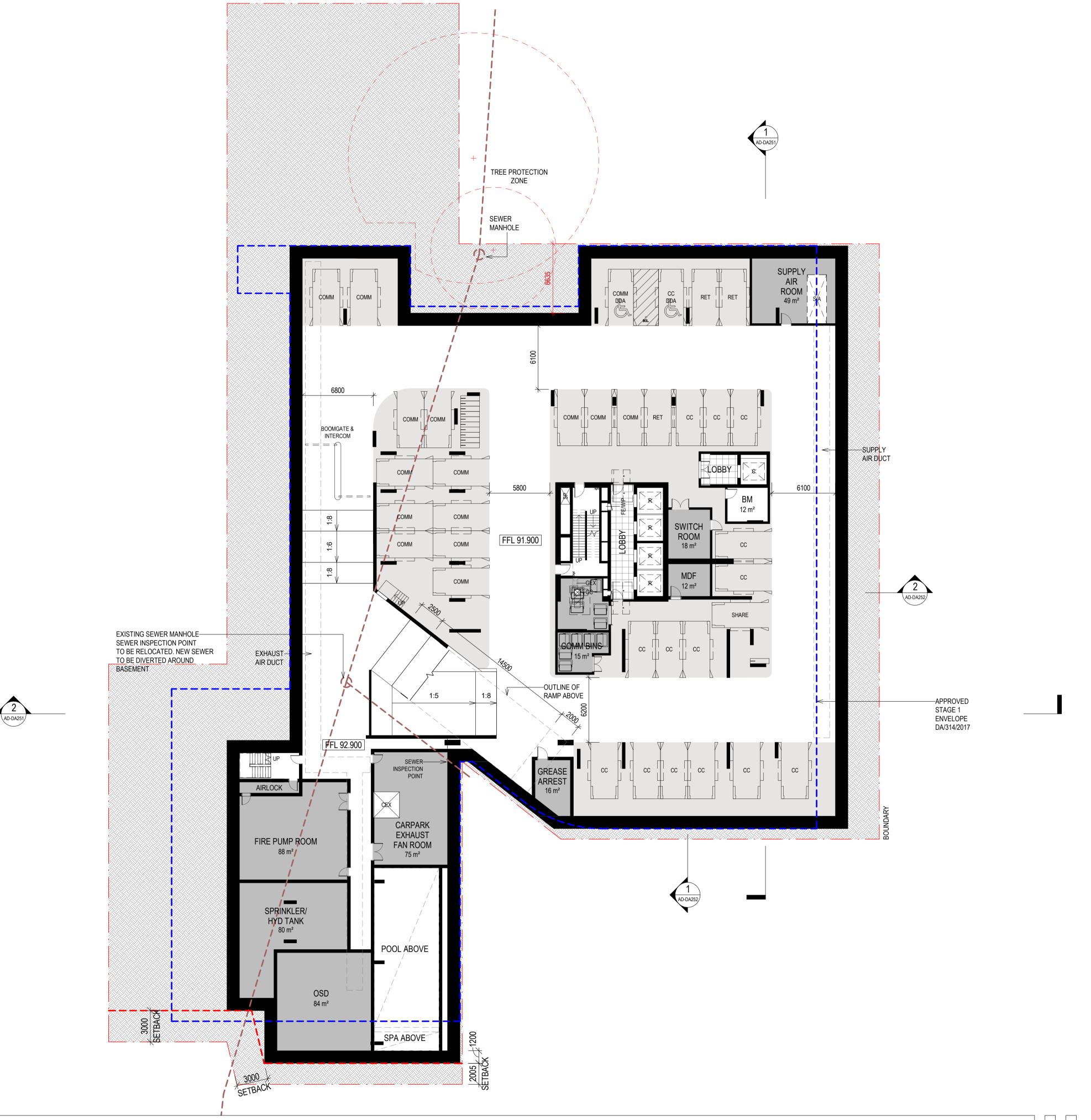
26.10.2021

FOR REVIEW

FOR REVIEW

DEVELOPMENT APPLICATION

0 2 4 6 8 10 m



[Project] 37-41 OXFORD STREET, EPPING

[Client] MERITON

TOTAL CAR PARKING REQUIREMENT: RESIDENTIAL CAR PARKING [Nom. Architect] NICHOLAS BANDOUNAS /8499 UNITS (MAXIMUM) = 157 VISITORS (MINIMUM) = 31 **RESIDENTIAL TOTAL** = 188 GROUND FLOOR CHILDCARE = 15 GROUND FLOOR RETAIL = 3 L1 OFFICES = 15 1 x CARSHARE = 1 [Rev#] [Description] = 222 REQUIRED PARKING SPACES FOR REVIEW FOR REVIEW FOR REVIEW BIKE PARKING (HORNSBY DCP) DEVELOPMENT APPLICATION RESIDENT (1 PER 5 UNITS) = 43 = 22 VISITOR (1 PER 10 UNITS) **TOTAL BIKES** = 65 BASEMENT 1 (WITH BOH) = 34 BASEMENT 2 = 55 BASEMENT 3 = 57 **BASEMENT 4** = 57 **BASEMENT 5** = 57 **BASEMENT 6** = 57

= 317

 $= 348 m^2$

= 1,314m²

TOTAL CARPARK SPACES

DEEP SOIL ZONE REQUIRMENTS 7% OF SITE AREA (4970m²)

AVAILABLE DEEP SOIL ZONE

DEVELOPMENT APPLICATION

20200100-AB-DA002

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History

15.10.2021

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26.10.2021

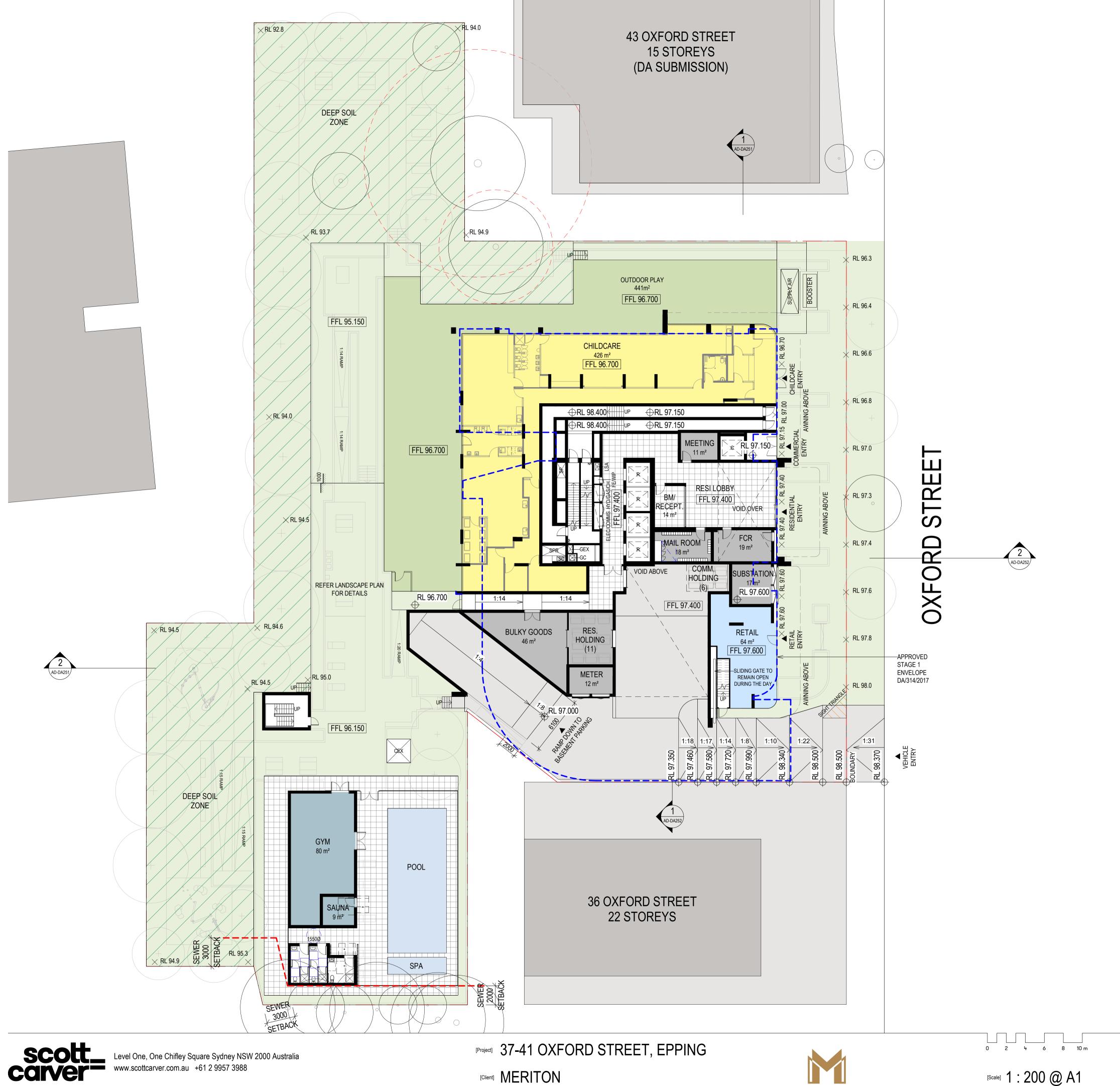
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BASEMENT 1 PLAN

[Scale] 1:200 @ A1

MERITON

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[Nom. Architect] NICHOLAS BANDOUNAS /8499

20200100-AB-DA002

4/11/2021 2:21:14 PM

[Rev#] [Description]

DEVELOPMENT APPLICATION DEVELOPMENT APPLICATION 02.11.2021 DEVELOPMENT APPLICATION 04.11.2021

19.10.2021

COLOUR LEGEND

OUTDOOR AREA DEEP SOIL ZONE

AMENITIES

CHILDCARE

RETAIL

4B

SERVICES

UNIT MIX NO. OF BATH COUNT MIX 20.4% 43 11.4% 2B 47.4% 2B 19.9% 3B 42 0.9%





43 OXFORD STREET 15 STOREYS (DA SUBMISSION) OFFICE 2 OFFICE 3 OFFICE 1 149 m² FFL 100.900 STREET OFFICE 4 XO OFFICE 6 OFFICE 5 175 m² —APPROVED STAGE 1 ENVELOPE DA/314/2017 36 OXFORD STREET 22 STOREYS 0 2 4 6 8 10 m

DEVELOPMENT APPLICATION

[Nom. Architect] NICHOLAS BANDOUNAS /8499

20200100-AB-DA002

26/10/2021 3:54:45 PM

3 DEVELOPMENT APPLICATION

[Rev#] [Description] 07.10.2021 15.10.2021 FOR REVIEW FOR REVIEW 19.10.2021

26.10.2021

COLOUR LEGEND

AMENITIES

OFFICES

	UNIT MIX					
TYPE	TYPE NO. OF BATH		MIX			
1B+ST	1	43	20.4%			
2B	1	24	11.4%			
2B	2	100	47.4%			
3B	2	42	19.9%			
4B	2	2	0.9%			
TOTAL:		211	100.0%			



[Project] 37-41 OXFORD STREET, EPPING







43 OXFORD STREET 15 STOREYS (DA SUBMISSION) XO 2B 80 m² —APPROVED STAGE 1 ENVELOPE DA/314/2017 36 OXFORD STREET 22 STOREYS 0 2 4 6 8 10 m

DEVELOPMENT APPLICATION

[Nom. Architect] NICHOLAS BANDOUNAS /8499

20200100-AB-DA002

26/10/2021 3:54:52 PM

[Rev#] [Description]

07.10.2021 FOR REVIEW 15.10.2021 FOR REVIEW 19.10.2021 3 DEVELOPMENT APPLICATION 26.10.2021

LEGEND - UNIT COLOURS

TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%



[Project] 37-41 OXFORD STREET, EPPING







43 OXFORD STREET 15 STOREYS (DA SUBMISSION) XO —APPROVED STAGE 1 ENVELOPE DA/314/2017 36 OXFORD STREET 22 STOREYS 0 2 4 6 8 10 m Level One, One Chifley Square Sydney NSW 2000 Australia www.scottcarver.com.au +61 2 9957 3988

DEVELOPMENT APPLICATION

[Nom. Architect] NICHOLAS BANDOUNAS /8499

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	FOR REVIEW	15.10.2

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26.10.2021

FOR REVIEW

DEVELOPMENT APPLICATION

LEGEND - UNIT COLOURS

TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%

[Project] 37-41 OXFORD STREET, EPPING







[Nom. Architect] NICHOLAS BANDOUNAS /8499

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3 DEVELOPMENT APPLICATION

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LEGEND - UNIT COLOURS

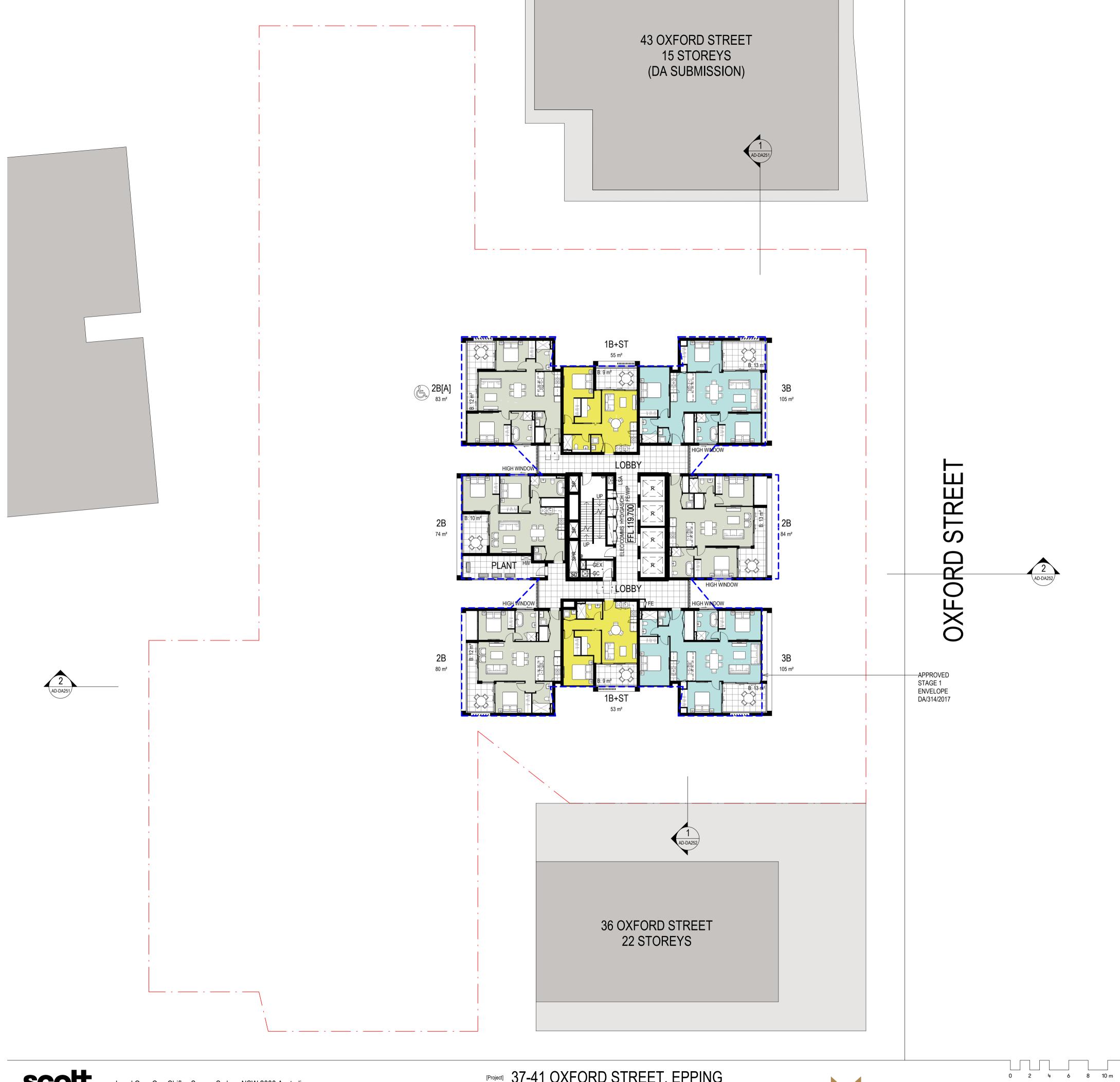
TYPE NO. OF BATH COUNT 20.4% 11.4% 47.4% 19.9%

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[Nom. Architect] NICHOLAS BANDOUNAS /8499

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3 DEVELOPMENT APPLICATION

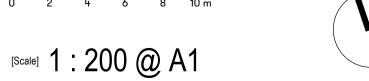
LEGEND - UNIT COLOURS

UNIT MIX					
TYPE	NO. OF BATH	COUNT	MIX		
1B+ST	1	43	20.4%		
2B	1	24	11.4%		
2B	2	100	47.4%		
3B	2	42	19.9%		
4B	2	2	0.9%		
ΤΟΤΔΙ ·		211	100.0%		



[Project] 37-41 OXFORD STREET, EPPING









[Nom. Architect] NICHOLAS BANDOUNAS /8499

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3 DEVELOPMENT APPLICATION

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LEGEND - UNIT COLOURS

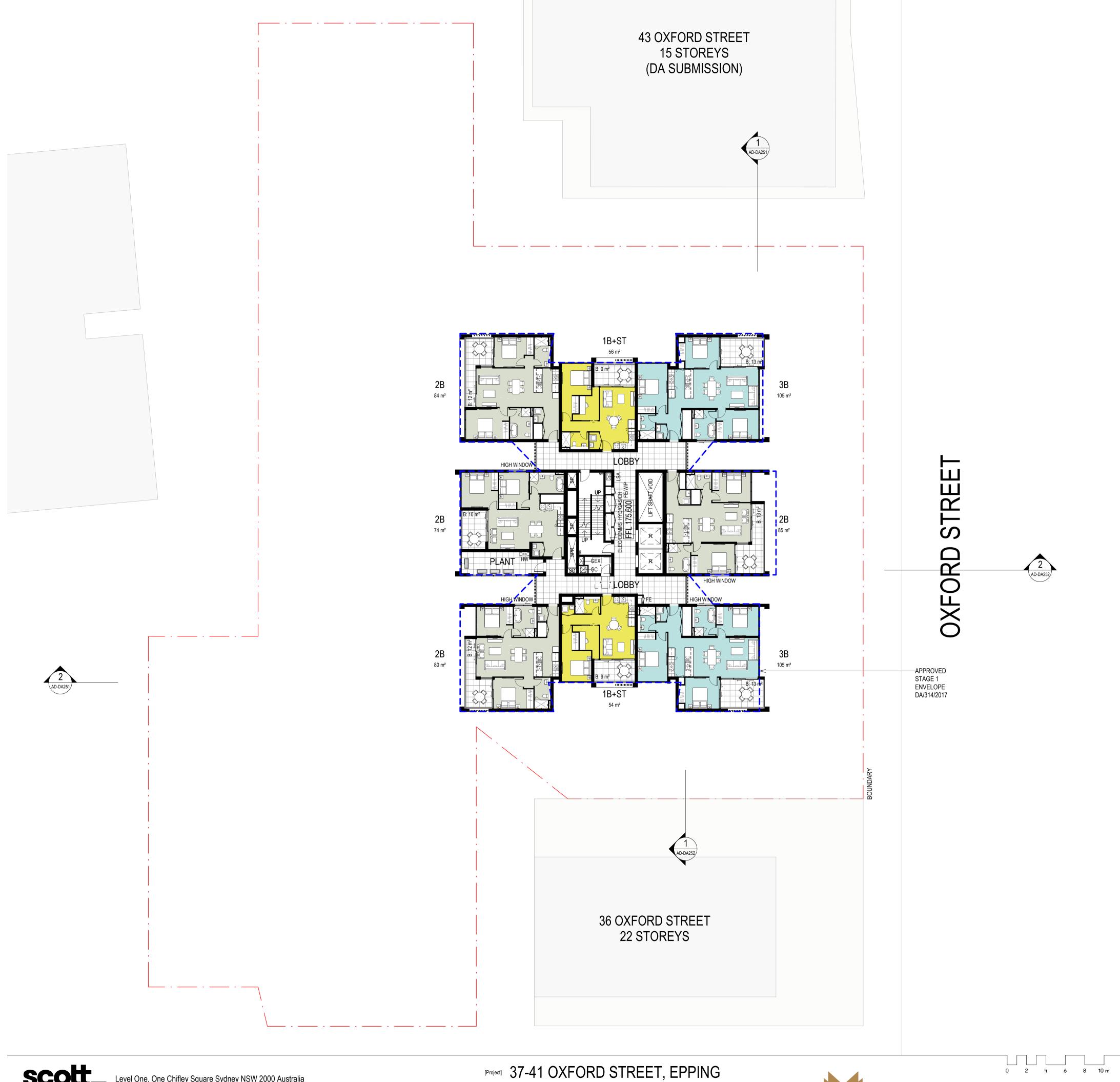
TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%











[Nom. Architect] NICHOLAS BANDOUNAS /8499

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3 DEVELOPMENT APPLICATION

LEGEND - UNIT COLOURS

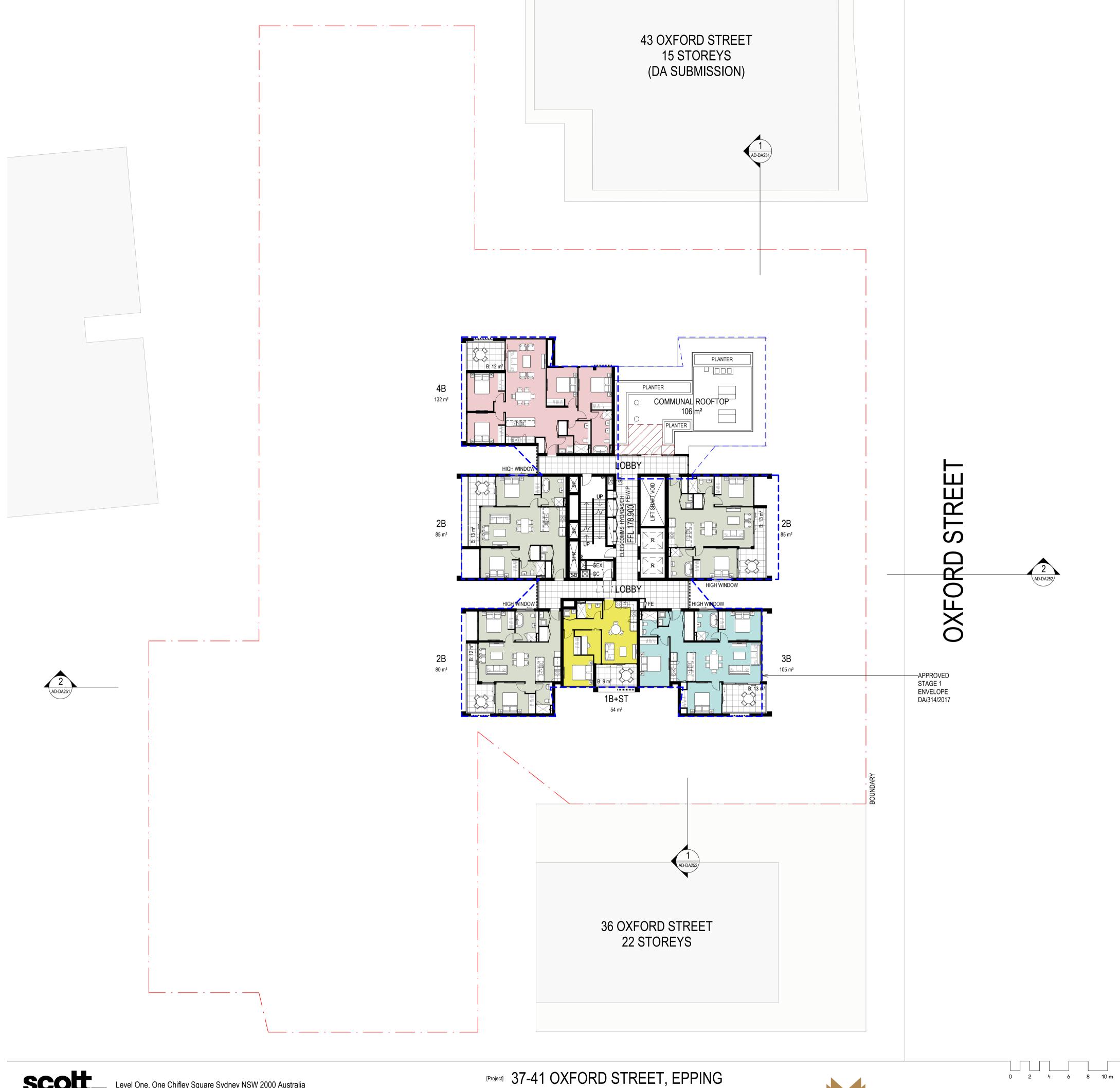
TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%

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[Nom. Architect] NICHOLAS BANDOUNAS /8499

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	FOR REVIEW	07.10.2021
	FOR REVIEW	15.10.2021
	FOR REVIEW	19.10.2021
	DEVELOPMENT APPLICATION	26.10.2021

LEGEND - UNIT COLOURS

TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%







43 OXFORD STREET 15 STOREYS (DA SUBMISSION) 2B 80 m² —APPROVED STAGE 1 ENVELOPE DA/314/2017 36 OXFORD STREET 22 STOREYS 0 2 4 6 8 10 m [Project] 37-41 OXFORD STREET, EPPING

DEVELOPMENT APPLICATION

[Nom. Architect] NICHOLAS BANDOUNAS /8499

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2	FOR REVIEW	19.10.202
3	DEVELOPMENT APPLICATION	26.10.202

LEGEND - UNIT COLOURS

TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%







43 OXFORD STREET 15 STOREYS (DA SUBMISSION) 2B 80 m² —APPROVED STAGE 1 ENVELOPE DA/314/2017 36 OXFORD STREET 22 STOREYS 0 2 4 6 8 10 m [Project] 37-41 OXFORD STREET, EPPING

DEVELOPMENT APPLICATION

[Nom. Architect] NICHOLAS BANDOUNAS /8499

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3 DEVELOPMENT APPLICATION

LEGEND - UNIT COLOURS

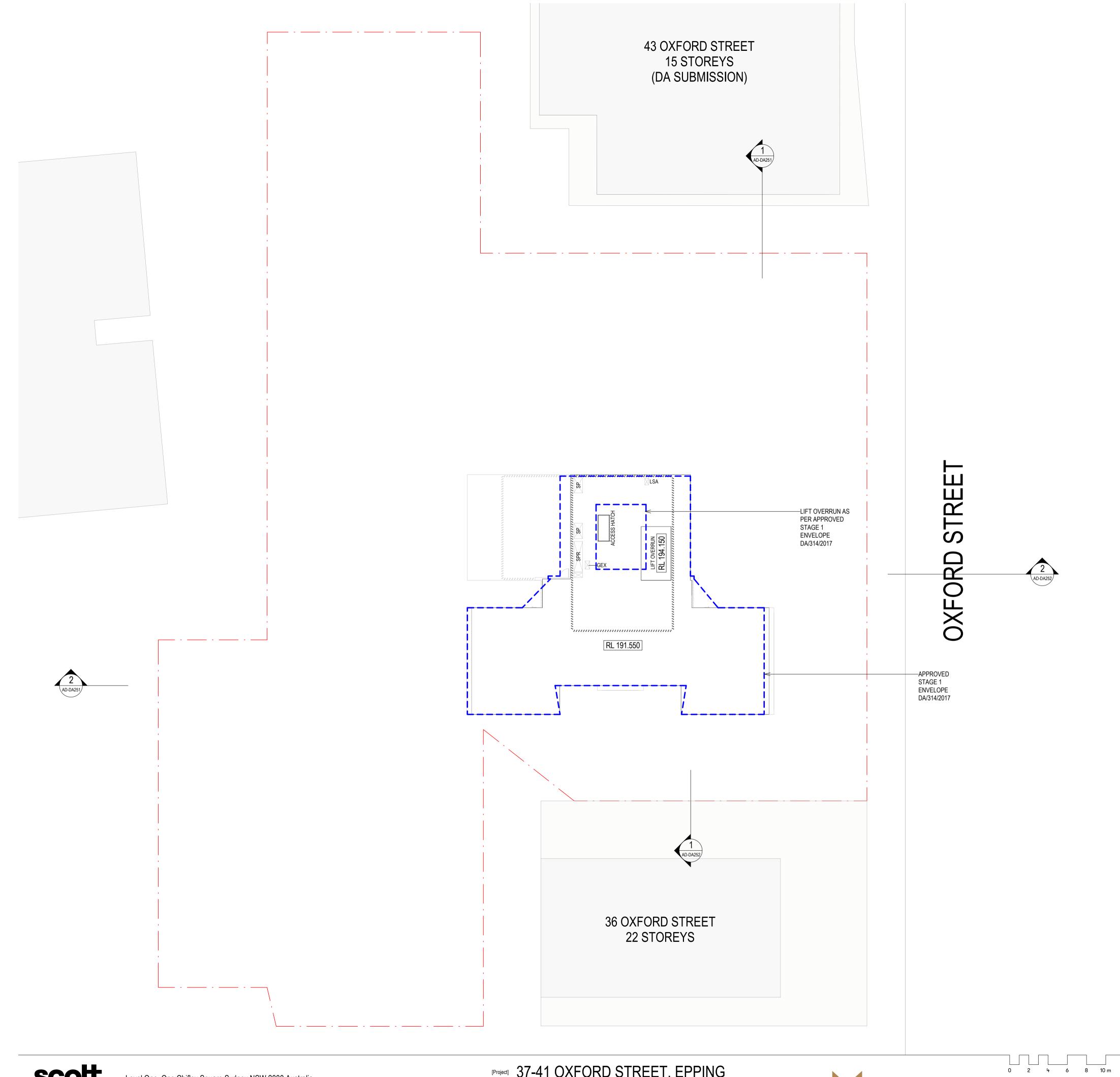
TYPE NO. OF BATH COUNT 20.4% 11.4% 19.9% 0.9%











[Nom. Architect] NICHOLAS BANDOUNAS /8499

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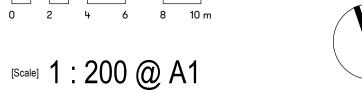
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UNIT MIX					
TYPE	NO. OF BATH	COUNT	MIX		
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4B	2	2	0.9%		
TOTAL:		211	100.0%		







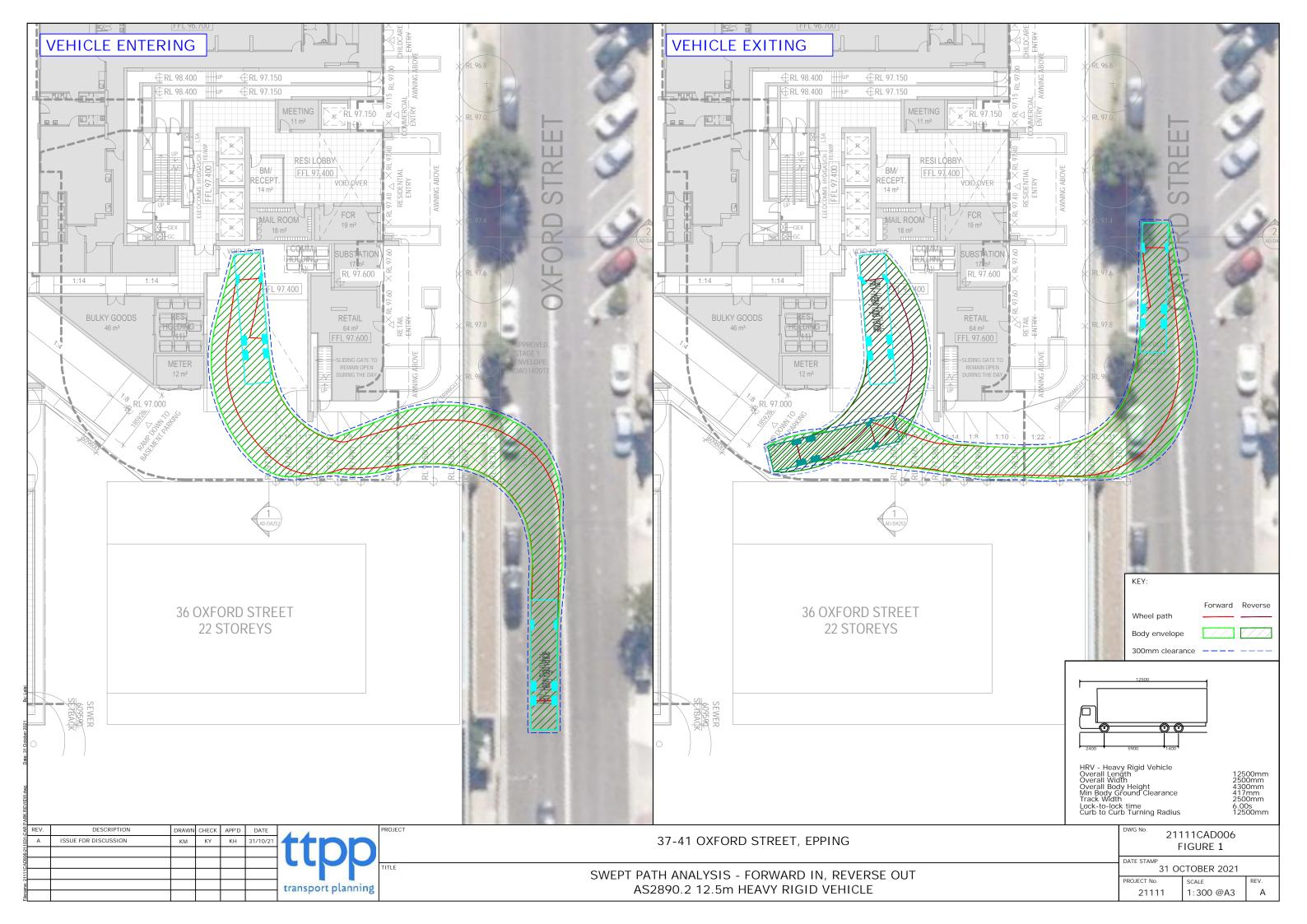


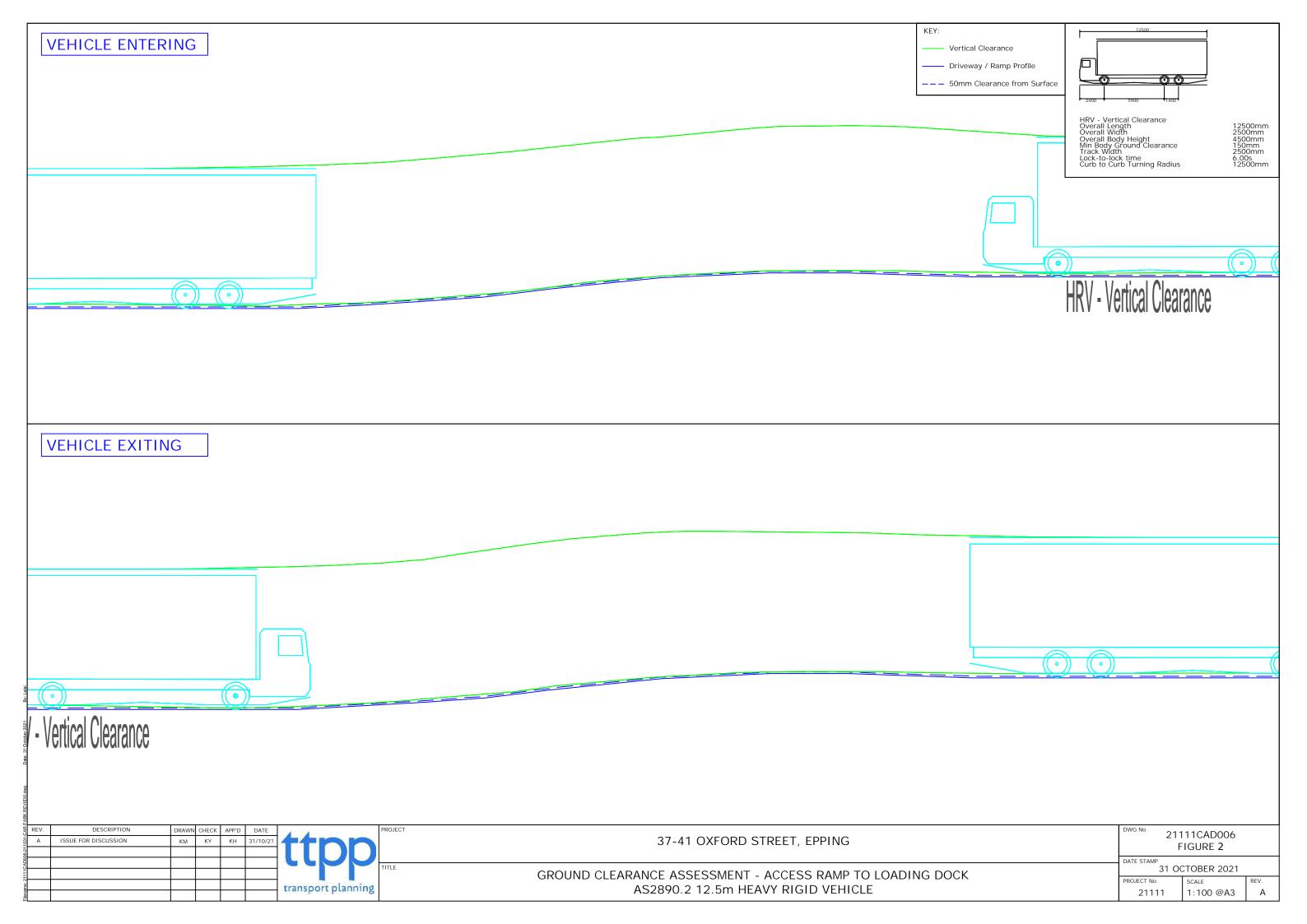


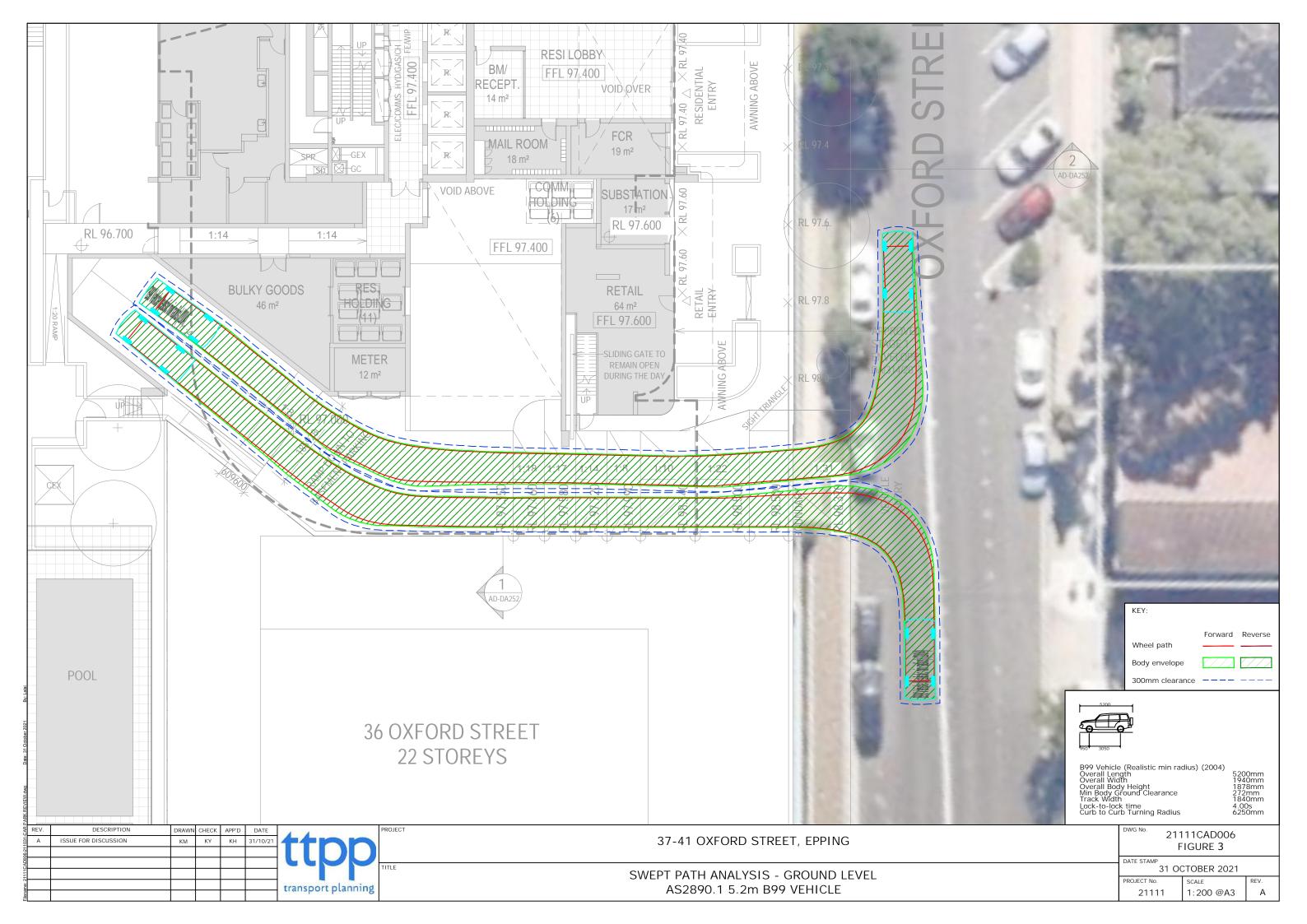
Appendix B

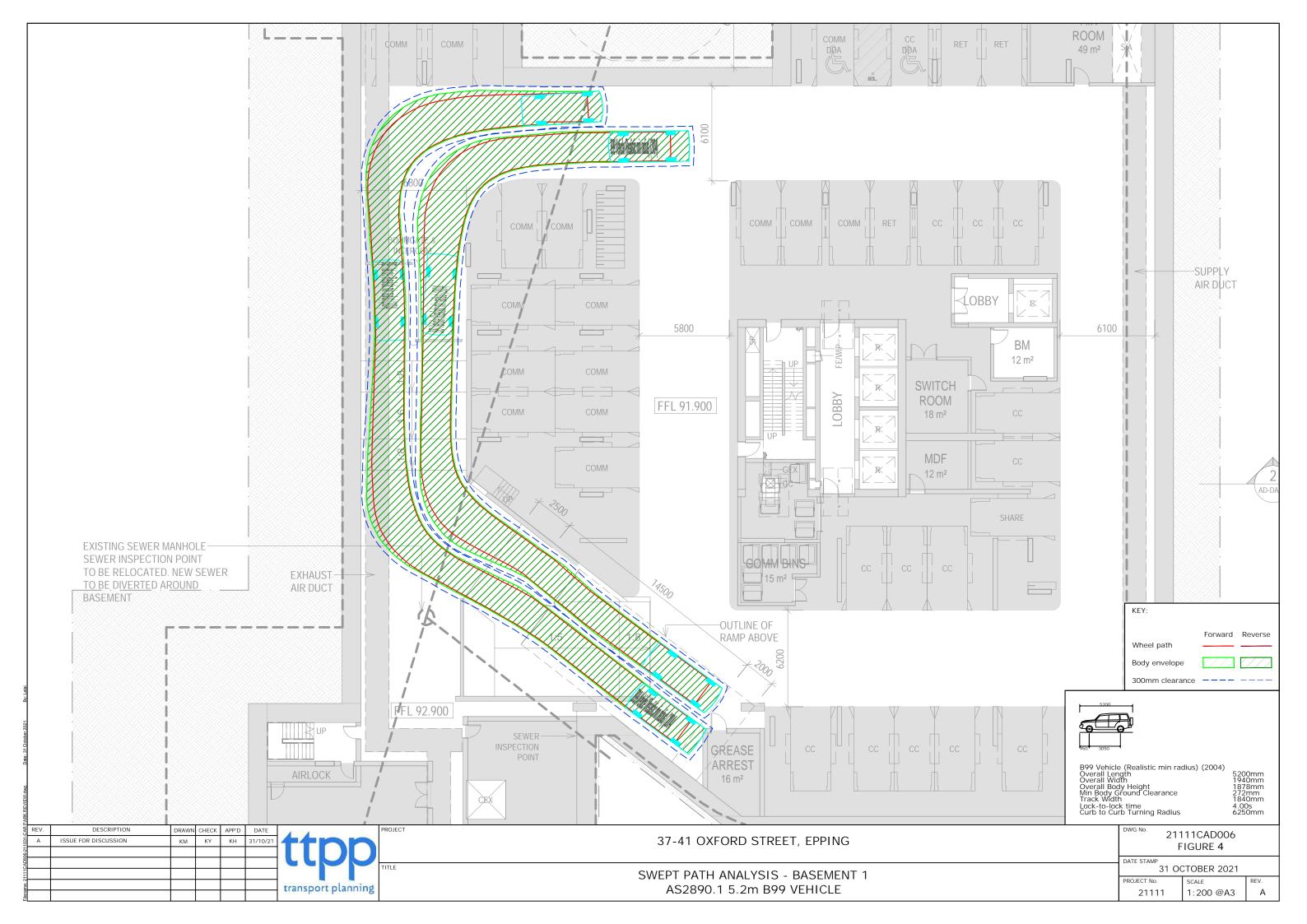
Swept Path Diagrams

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