Appendix F Waste and Recycling Management Plan

WASTE AND RECYCLING MANAGEMENT PLAN

56 BLINZINGER ROAD, BANYO
PROPOSED TOWNHOUSE DEVELOPMENT

For AR Developments Pty Ltd

L+R ENGINEERS MANAGERS SCIENTISTS

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Revision	Date	Description	Author	Verifier/Approver
1.	25/08/2026	Draft	D. Prince	B. Ebzery
2.	01/10/2026	Final	D. Prince	B. Ebzery

Written by: Dylan Prince



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Position: Environmental Scientist

Authorised by: Brendan Ebzery



_____

Position: Principal Environmental Scientist

1. INTRODUCTION

1.1 BACKGROUND

Lambert & Rehbein (SEQ) Pty Ltd (L&R) was commissioned by AR Developments Pty Ltd in July 2026 to prepare a Waste and Recycling Management Plan (WRMP) to support the proposed residential development at 56 Blinzinger Road, Banyo, hereafter referred to as 'the Site'. This WRMP relates to the operational phase of the development and is based on the information and drawings supplied by the client and Dent Property Development Pty Ltd.

This WRMP has been developed in response to the planning requirements of Brisbane City Council (BCC) as specified in 'Schedule 6 Planning Scheme Policy - SC6.26 Refuse Planning Scheme Policy'.

1.2 SITE LOCATION

The site is located at 56 Blinzinger Road, Banyo, QLD, 4014 as shown in **Figure 1**: Site Location Plan. The property description is Lot 1 on RP124669. The total combined site area is approximately 48,545m^2.

Within the site surrounds is Virginia Golf Club to the northeast. The remainder of the Site's surrounds in predominantly residential in nature.

1.3 SCOPE OF WORKS

This WRMP contains information regarding waste generation, disposal, storage, transfer and collection for each use area within the development. Operational and design requirements are also provided based on the aforementioned waste areas.

The scope of works provided in this report are listed below:

- Identification of waste streams and anticipated waste volumes to be produced;
- Recommendations for waste disposal within the development;
- Analysis of waste storage facilities;
- Assessment of waste transfer between storage and collection areas;
- Assessment of waste collection vehicle (RCV) access and manoeuvring;
- Identification of recommended and optional waste management systems and equipment;
- Recommendations for operational efficiency and ongoing management including waste minimisation; and
- Recommendations for design of waste management facilities.

Detailed information concerning waste calculations, site plans and drawings, recommended waste management equipment, system specifications and common waste signage are provided in the Appendices.

The recommendations in this report relate solely to the operational phase of the development. The requirements for waste management during project demolition or construction are not included and require a separate report.

1.4 OBJECTIVES

This WRMP satisfies the requirements set by Brisbane City Council by providing the following information:

- The type and quantity of waste material that will be generated during the occupancy of the proposed development;
  - An estimate of weekly volumes of waste material generated – broken up into commingled recycling and general waste
- Refuse collection, storage, transfer and disposal arrangements during occupancy of the completed development; and
  - The location and design of any bin storage areas
  - The bin type, bin size, and number of bins for the development
  - The location and design of bin collection points
  - Manoeuvring and access details for a garbage truck to service the bins
  - The number of collections per week
- Recommended requirements for the operational phase of the development and design requirements for the building and refuse management facilities.

2. WASTE MANAGEMENT

This section provides information regarding the generation, disposal, transfer, storage, and collection of waste within the development. This includes bin quantities, storage capacities, equipment details, collection frequencies and site access details.

2.1 WASTE GENERATION

The proposed development is comprised of 216 townhouses.

Table 1 outlines the projected generation volumes of typical domestic waste and commingled recycling for the overall development. This report will also assess the necessary waste management equipment required per townhouse (dwelling), with more information found throughout this section. It is anticipated that minimal green waste will be generated as part of the development. Any green waste generation will be removed and disposed of by associated contractors, i.e., landscapers. Any additional green waste generated by individual dwellings will be disposed of as general waste. For residents to inquire about obtaining a personal green waste bin, information and forms are provided on BCC's website.

Table 1: Residential Waste Generation

DESCRIPTION	QUANTITY	GENERTION RATE (GENERAL WASTE)	GENERATION RATE (RECYCLING)	GENERAL WASTE (L/WEEK)	RECYCLING (L/WEEK)
Townhouse	216	240L/Week*	120L/Week*	51,840L	25,920L

*Detailed calculations are provided in **Appendix A**. Calculations are based on each dwelling utilising 1 x 240L general waste bin (serviced weekly) and 1 x 240L recycling bin (serviced fortnightly).

Programs such as the utilisation of recycling schemes and composting should be promoted to assist in reducing the generation of waste. Promotion may include educational signs, a composting bin, or storage for residents to store containers which qualify for recycling schemes. Suggested waste minimisation options are provided in **Appendix D.**

2.2 WASTE DISPOSAL

2.2.1 RESIDENTIAL WASTE

General waste will be disposed of in bins lined with bags in each dwelling. Smaller bins for the collection of waste within each dwelling should have the capacity to hold one day of generated general waste. These bins are generally 20L – 80L, with examples proved in **Appendix D.1**. As waste generation will vary throughout each tenancy, bin types/sizes will be at the discretion of tenants.

The separation of organic or food waste from general waste is encouraged to reduce the total amount of general waste produced. Refer to **Appendix D.4** for options.

General waste bins within each dwelling should be accompanied by a commingled recycling bin to facilitate the separation of waste streams. Recyclable materials must not be bagged, and each item must be disposed of in loose form.

2.2.2 INFREQUENTLY GENERATED WASTE

It is anticipated that minimal green waste will be generated on site. Any green waste will be limited to gardening, landscaping, potted plants, etc. and will be disposed of by personal arrangement or associated landscaping contractors. If tenants should choose to have potted plants/garden/landscaping on their property, they can apply to council to have a personal green waste bin. Green waste bins are 240L and are serviced fortnightly. For residents to inquire about obtaining a green waste bin, they can go to BCC's website.

Hard waste and/or bulky goods are to be disposal via personal arrangement or collected on designated days during the year. Further information can be found on BCC's website.

Other forms of infrequently generated waste, such as electronic waste and hazardous waste (i.e. paints, batteries, and cartridges) will also have arrangements for disposal made by residents.

2.3 WASTE TRANSFER

Residents will manually transfer all general waste and commingled recycling to their personal wheelie bins which will be kept in a designated storage area detailed in **Section 2.4.** Any green waste will be disposed of as general waste or within personal green waste bins.

2.4 WASTE STORAGE

Each residential dwelling will accommodate their own 240L general waste and 240L recycling bin. These bins will be stored in a designated, level, hardstand area of each dwelling, screened from street view. Bin locations are shown in **Appendix C.1.** The refuse areas are distanced from any potential heat sources, will not have unreasonable acoustics, odour, hygiene, or visual impacts on the development, surrounding properties or the streetscape. Residents who apply for and receive a personal green waste bin will store them alongside their general waste and recycling bins.

The refuse area for each dwelling is adequately sized to store and manoeuvre all appropriate bins.

2.5 WASTE TRANSFER AND COLLECTION

BCC will collect and service the bins from the kerbside of the private roads within the development. Residents will transport the appropriate bin (weekly for general waste and fortnightly for recycling/green waste) to their designated collection point. For majority of residents, the collection point is directly in front of each dwelling, which accommodates a minimum of 2 areas of 0.81m^2. Dwelling 197 – 216 will share 4 bin pads (5 dwellings per bin pad) along the northern most east/west running internal roadway. The location of these bin pads can be seen in **Appendix C.1.** The distance of the bin carting route for all townhouses is reasonable, ensuring ease of use.

Collection activities will not interfere with pedestrian or residential pathways, with minimal impediment on traffic flow. It should be noted that wheelie bins are not to be stored permanently on the kerbside. More information about bin collection is available on BCC's website.

2.5.1 BIN QUANTITIES

Table 2 outlines the types / sizes and the number of bins to be collected per collection event. This table indicates the number of bins in correlation with collection frequencies detailed in section 2.5.2.

Table 2: Bins per Collection

SECTION	WASTE STREAM	BIN EQUIPMENT (TYPE OR SIZE)	NUMBER OF BINS PER COLLECTION
One Residential Dwelling	General Waste	240L*	1
	Comingled Recycling	240L*	1

*Residents may apply at the BCC's website for changes in their bin set, including a 140L general waste bin, a 140L or 360L recycling bin. In the event that residents require user paid personal green waste collection, the 240L green bin will be collected on alternating weeks to comingled recycling.

2.5.2 COLLECTION FREQUENCIES

The vehicle and estimated collection frequencies required to service the development are based on one collection per week for general waste and one collection per fortnight for recycling and if required, green waste (alternating).

Bins are to be collected on the days in which BCC allocate the service to the area. This information will be available on the BCC's website.

The waste to be collected is detailed as domestic refuse and will be completed by a Side Lift (SL) refuse collection vehicle. If bins are overflowing, they will not be collected. BCC is to finalise service days prior to the time of occupancy.

The estimated collection frequency requirements are outlined in **Table 3**.

Table 3: Estimated Collection Requirements

WASTE STREAM		RECOMMENDED COLLECTION DAYS							COLLECTIONS PER WEEK
		DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	
General Waste	Collection day	X							**1 / Week**
	Vehicle type	SL							
Commingled Recycling	Collection day	X							**1 / Fortnight**
	Vehicle type	SL							

2.5.3 COLLECTION POINT

As detailed above, BCC will collect and service the bins from the kerbside of the private roads within the development. Where collection locations are to be shared between dwellings, a bin pad will be provided, constructed with a level, hardstand base. The location of bin pads for dwellings that require the use of a shared collection point (dwelling 197 – 216) are shown in **Appendix C.1.**

All collection locations will be level, ensuring bins will be no more than 1m from the kerbside. When serviced together, general waste and recycling/green waste bins will have at least 30cm of distance between them.

Collection points will be over 5m from any door, window or fresh air intake, not obstruct driveways, street trees or any infrastructure associated with the street scape. Similarly, trees, cars or any other obstructions will not prevent access to the bins, ensuring the waste collection vehicle operator is not required to leave the vehicle.

2.5.4 SERVICING ACCESS

The development site will be serviced internally via a side lift refuse collection vehicle. Further details on RCV access and on-site manoeuvring can be found in the traffic report, with a swept path assessment demonstrating successful circulation of the refuse collection vehicle through the development provided in **Appendix C.2.**

3. OPERATIONAL REQUIREMENTS

3.1 OPERATIONAL EQUIPMENT SUMMARY

Equipment required / suitable for use as part of the operational phase of the development as outlined in **Table 4**. A total of 216 general waste and 216 recycling bins are required for the development.

Table 4: Equipment Schedule

SECTION	DESCRIPTION	QUANTITY	NOTES
Overall Development	General Waste Bins	216	Personal 240L Bins – Appendix D.1
	Recycling Bins	216	Personal 240L Bins – Appendix D.1

4. LIMITATIONS

L+R has prepared this report for the use of *AR Developments Pty Ltd* in accordance with the usual care and thoroughness of the consulting profession. It is based on current practices and professional standards at the time of the report. Opinions and judgements expressed, herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions. This report may not be relied upon by any other party, with the exception of the appropriate regulatory authority, without the explicit written agreement of L+R. No other warranty, expressed or implied, is made as to the professional advice included in this report.

The scope of work undertaken, and sources of information used by L+R in this report, were limited to that detailed in communications with *AR Developments Pty Ltd.* L+R has made no independent verification of this information beyond the agreed scope of works and L+R assumes no responsibility for any inaccuracies or omissions. No indications were found during our works that information contained in this report as provided to L+R was false.

This report was prepared in October 2026 and is based on the conditions encountered and information reviewed at the time of preparations. L+R disclaims responsibility for any changes that may have occurred after this time. We do not assume any liability for misinterpretation or items not visible, accessible or present at the subject site during the time of works.

This report should be read in full. No responsibility is accepted for use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

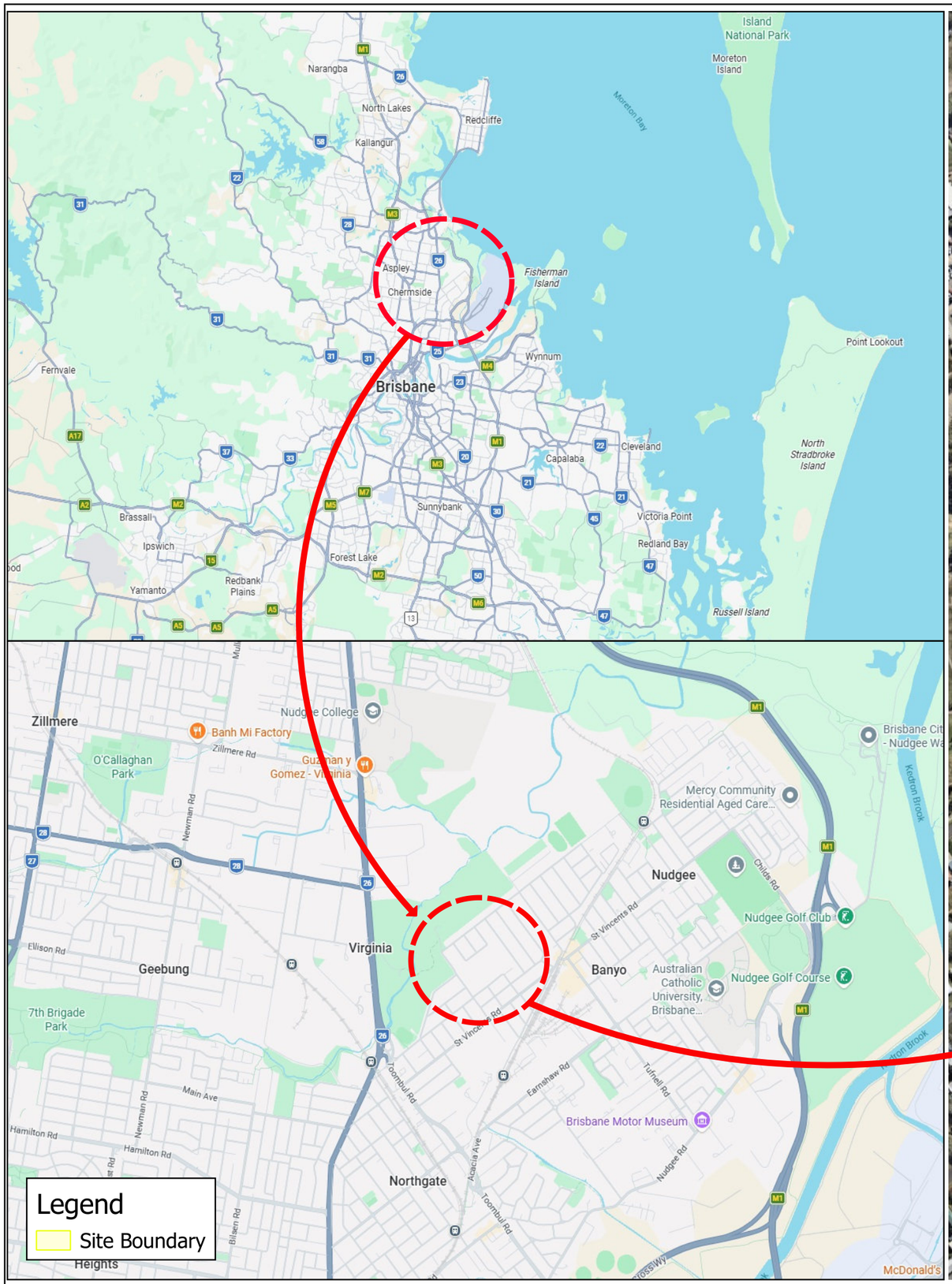
This report contains information obtained by review of documentation and drawings provided by *AR Developments Pty Ltd.*

Where conditions encountered at the site are subsequently found to differ significantly from those anticipated in this report, L+R must be notified of any such findings and be provided with an opportunity to review the recommendations of this report.

Whilst to the best of our knowledge information contained in this report is accurate at the date of issue. Therefore, this document and the information contained herein should only be regarded as valid at the time of the review unless otherwise explicitly stated in this report.

FIGURES

FIGURE 1: SITE LOCATION PLAN





Project: Waste and Recycling Management Plan - 56 Blinzinger Road, Banyo, QLD, 4014	Client: AR Developments Pty Ltd	Drawn: D.P	ENGINEERS MANAGERS SCIENTISTS		Figure No: AS SHOWN	
	Title: Site Location Plan	Checked: B.E			Figure 1	
		Approved: B.E		A 30/09/2026	Scale: NTS	A3
				REV DATE	File Ref: B26299ER001	Sheet size

APPENDICES

APPENDIX A: DETAILED WASTE CALCULATIONS

The calculation of waste produced from the site is based on 1 x 240L general waste bin per dwelling, 1 x recycling bin per dwelling and the collection frequency detailed below.

Table 5: Adopted Waste Generation Rates

DESCRIPTION	GENERTION RATE (GENERAL WASTE)	GENERATION RATE (RECYCLING)
Dwelling	240L / Week	120L / Week

Table 6: Indicative Residential General Waste and Recycling Calculations

DESCRIPTION	MEASURE	QUANTITY	GENERAL WASTE (L / WEEK)	COMMINGLED RECYCLING (L / WEEK)
Residential Dwellings	No.	216	51,840L	25,920L
Collections*			**1 / Week**	**1 / Fortnight**
Volumes per Collection (L / Collection)			**51,840L**	**51,840L**
***Equipment Details**	Equipment Size		240L	240L
	Equipment Quantity Required		216	216

*Note: Each dwelling will accommodate 1 x General Waste bin and 1 x Recycling bin

APPENDIX B: RECOMMENDED DESIGN REQUIREMENTS

This section outlines good practice and recommends individual management of waste. These recommendations should be considered for optimal waste management within the development, and to comply with relevant regulations and BCC requirements.

B.1 STORMWATER POLLUTION PREVENTION AND LITTER REDUCTION

Residents are responsible for on-site stormwater pollution and litter reduction. To limit the impact on the environment and site, the following measures should be considered:

- Provide sufficient waste bins in appropriate areas;
- Monitor waste and prevent waste overflow;
- Promote best practices for waste minimisation; and
- Ensure that waste is not left loose and remains contained in wheelie bins.

B.2 VENTILATION

Natural or mechanical ventilation must be provided to waste storage areas unless refrigerated below 4°C. Natural ventilation means unobstructed, permanent openings direct to external air no less than one-twentieth (1/20) of the floor area. Mechanical ventilation requires a minimum rate of 100 L/s and 5 L/m^2 exhaust rate.

B.3 SERVICING POINT

- Has sufficient access and clearance for waste and recycling collection vehicles to service the bins, including no overhead obstructions;
- Is positioned in an area which does not interfere or interrupt traffic flow during servicing;
- Is of sufficient size to accommodate the bins;
- Does not block the entry and / or exit to the property;
- Is over 5m from any door, window, or fresh air intake within the development or any adjoining site;

If bins are to be serviced from a public roadway, it is recommended that:

- Bins are positioned on a level pad within the site, with the entire pad no more than 5m from the property boundary and 15m from the crossover. The bin is to be level with the kerbside and adjacent to a driveway or other approved crossover on the public roadway; and
- The bin service point is to be connected to the crossover by a paved path to allow bins to be manoeuvred for servicing without the need to lift bins over raised surfaces (i.e., pram ramps).

B.4 BIN CARTING

The bin carting route will have the following features:

- Is via the hard stand pathways;
- Allows bins to be easily manoeuvred;
- Is clear of speed control devices or similar provisions

APPENDIX C: SITE PLANS AND DRAWINGS

C.1 DEVELOPMENT SITE PLAN & TYPICAL FLOOR PLAN



SITE COVERAGE:	
SITE AREA:	48,544.6SQM
TOTAL SITE COVER:	16,842m² (34.7%)

STAGING	
STAGE 1:	20 UNITS
STAGE 2:	38 UNITS
STAGE 3:	67 UNITS
STAGE 4:	54 UNITS
STAGE 5:	37 UNITS
TOTAL:	216 UNITS

DEVELOPMENT DETAILS
WELLINGTON STREET & BLINZINGER ROAD, BANYO
LOCAL AUTHORITY: BRISBANE CITY COUNCIL
TOTAL SITE AREA: 48,544.6 SQM (APPROX.)
TOTAL UNITS: 216
1 DWELLING / 224.7 m²

CARPARKING

TOTAL CAR PARKING:	_	546 CAR PARKS
GARAGE PARKING:		216 GARAGE
DRIVEWAY PARKING (TCP):		203 TANDEM PARKS
UNIT ALLOCATED PARKING (U):		77 UNIT ALLOCATED
VISITOR PARKING (V) (MIN. 5.4m X 2.4m):		50 VISITOR

BLOCK SUMMARY

UNIT TYPE	NUMBER OF BLOCK	3 BEDROOM UNITS PER BLOCK	TOTAL 3 BEDROOM UNITS	4 BEDROOM UNITS PER BLOCK	TOTAL 4 BEDROOM UNITS
4 PACK	27	2	54	2	56
5 PACK	6	3	18	2	10
6 PACK	13	4	52	2	26
TOTAL	46	TOTAL	124	TOTAL	92

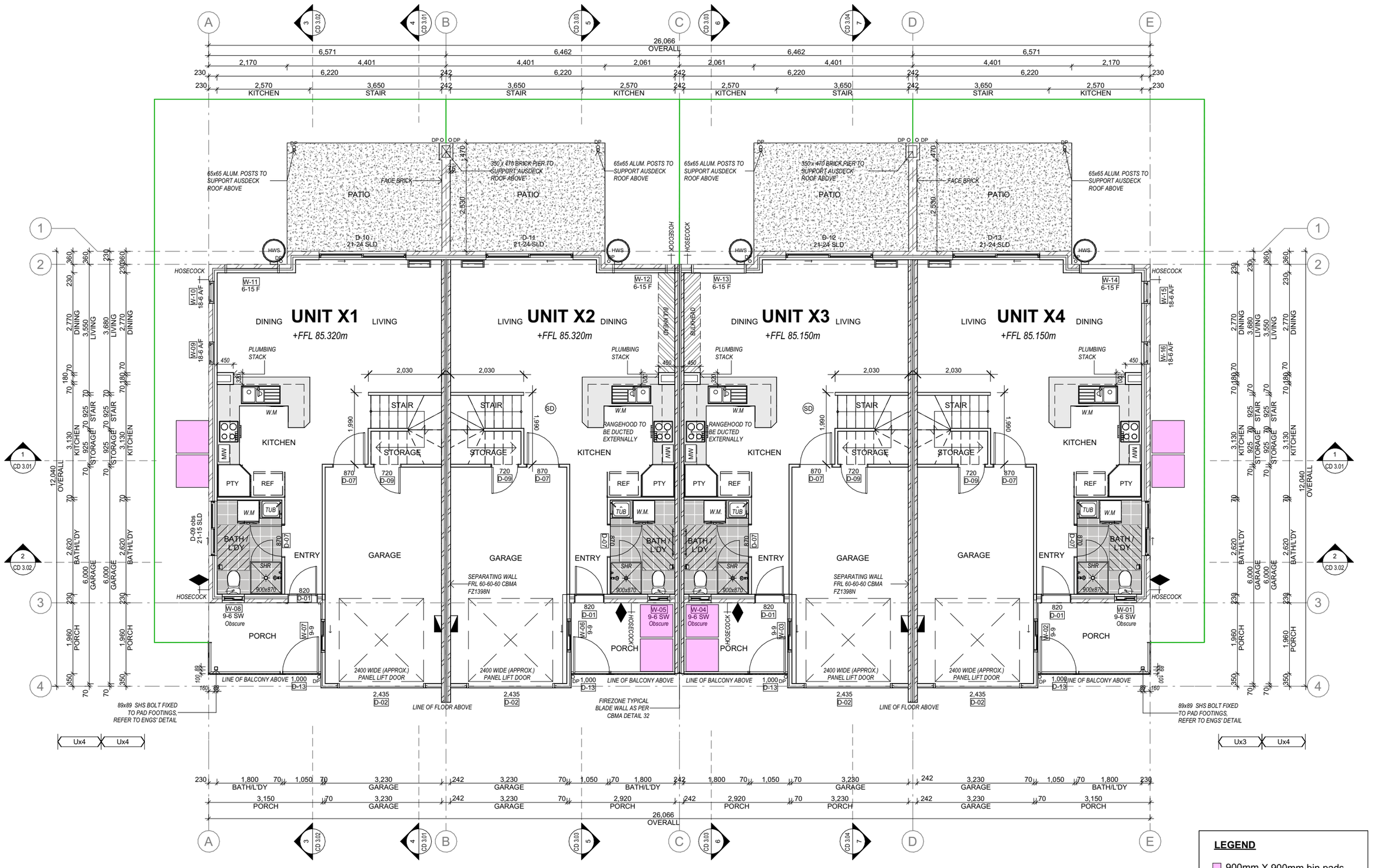
PROPOSED MASTER PLAN

Scale 1 : 1000

Rev.	Date	Description
D	30.09.26	REVISE ISSUE
C	11.09.26	PMT LOCATION UPDATE
B	04.09.26	REVISE ISSUE
A	28.08.26	PRELIMINARY ISSUE

AR DEVELOPMENTS PTY.LTD.
PO BOX 2214
Tingala, QLD 4173
ph: (07) 3908 1111
Fax: (07) 3908 1112
Email: admin@ardevelopments.com.au

WELLINGTON ST & BLINZINGER RD BANYO, QLD	Project Name
PROPOSED MASTER PLAN	Drawing Title
Cad Ref:	
D	Revision
30.09.26	Issue / Revision date
Checked:	
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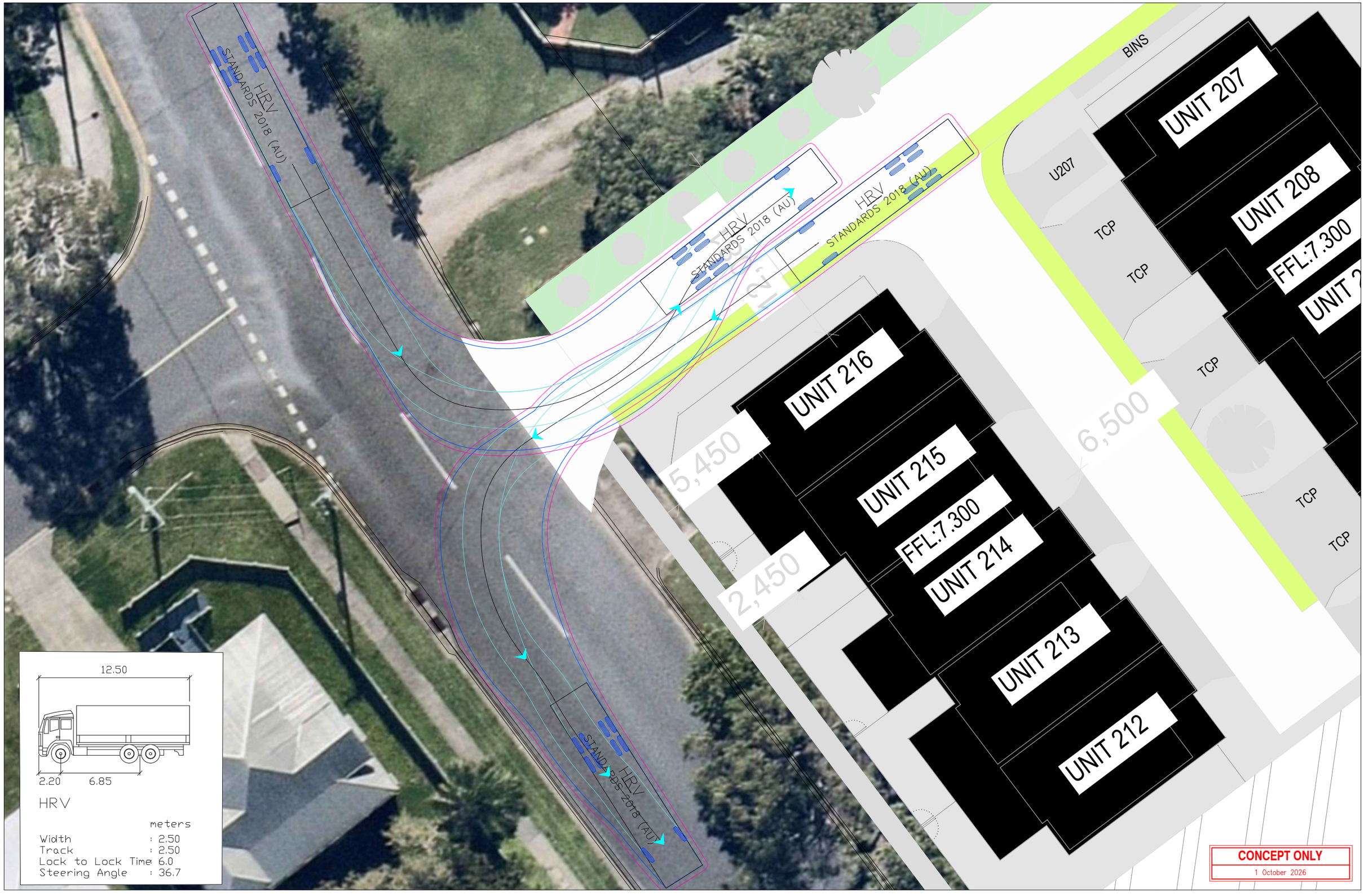
900mm X 900mm bin pads

TYPICAL GROUND FLOOR PLAN

Scale 1:100

2026.08.21 SKETCH

C.2 DEVELOPMENT SITE – SWEPT PATH



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SCALE 1:100 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

Title:
BLINZINGER ROAD ACCESS
SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
CONSULT AUSTRALIA

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HRV

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Width	: 2.50
Track	: 2.50
Lock to Lock Time	6.0
Steering Angle	: 36.7

CONCEPT ONLY
1 October 2026

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SCALE 1:200 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

Title:
WELLINGTON STREET ACCESS
SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
CONSULT AUSTRALIA

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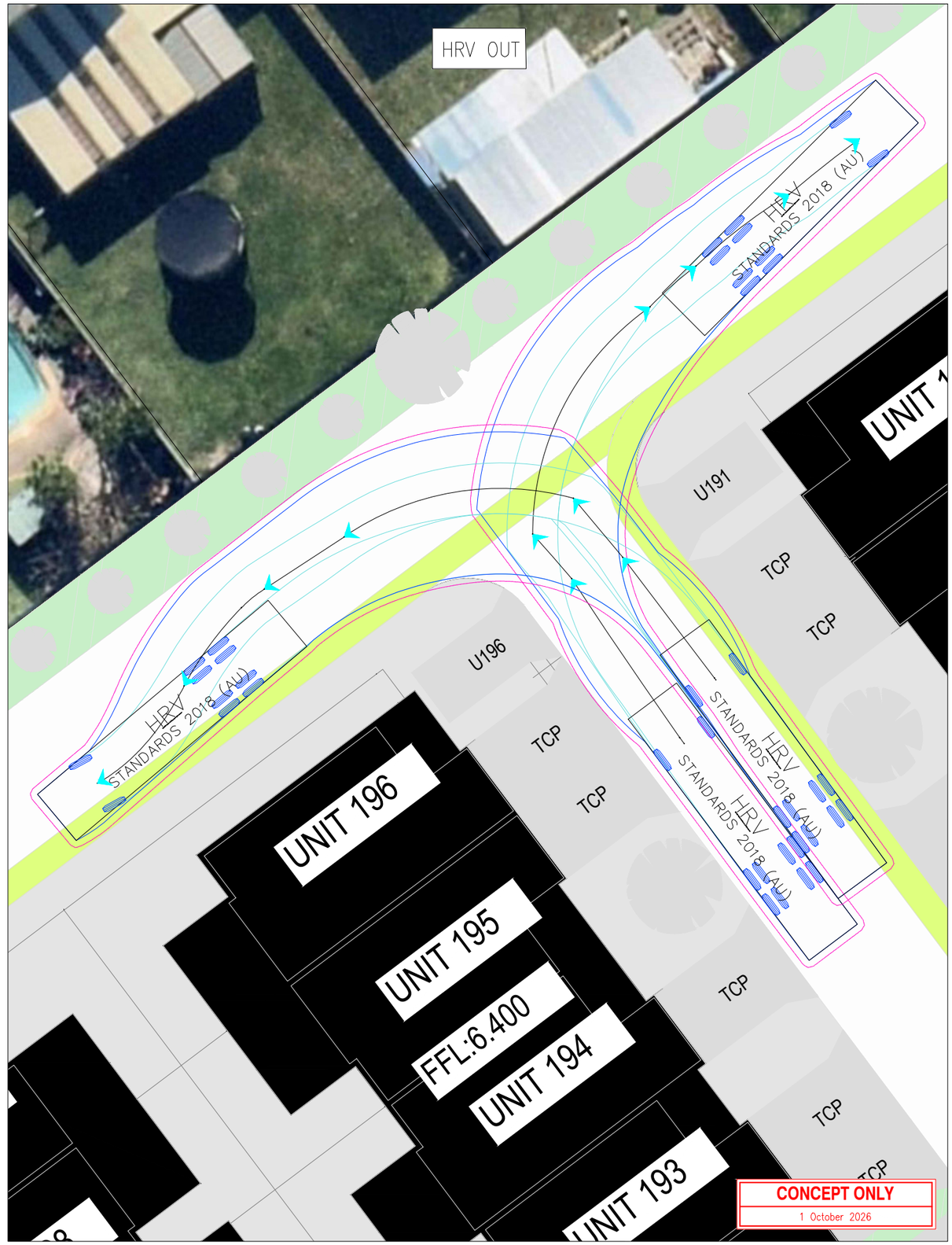
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CONCEPT ONLY
1 October 2026

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Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

Title:
INTERNAL MANOEUVERING
SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au

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HRV STANDARDS 2018 (AU)

UNIT 168

UNIT 169

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UNIT 170

UNIT 171

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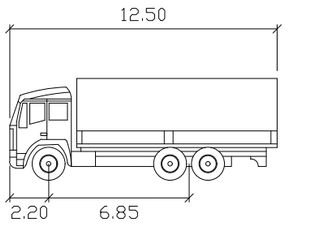
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HRV

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Width	: 2.50
Track	: 2.50
Lock to Lock Time	6.0
Steering Angle	: 36.7

CONCEPT ONLY
1 October 2026

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Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

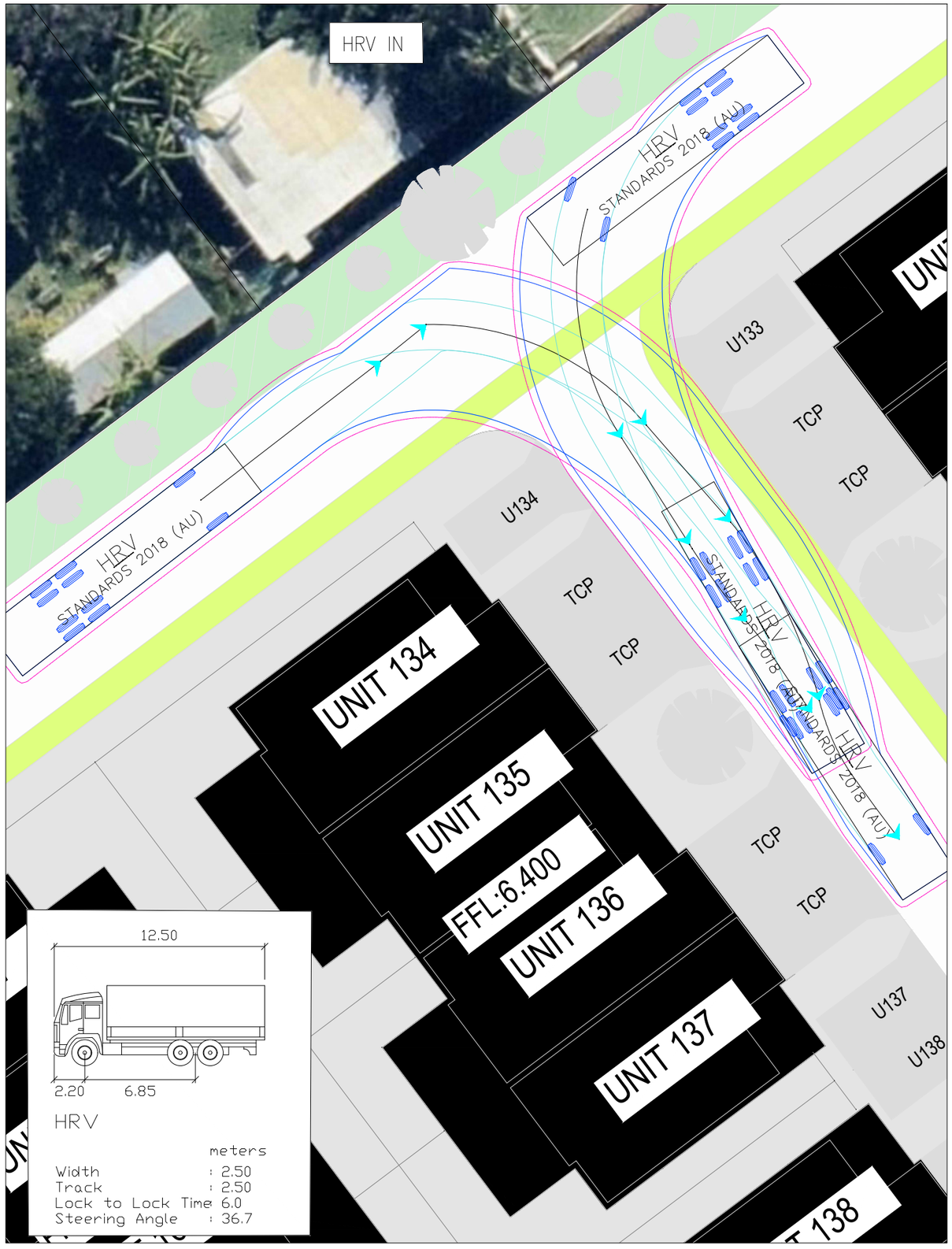
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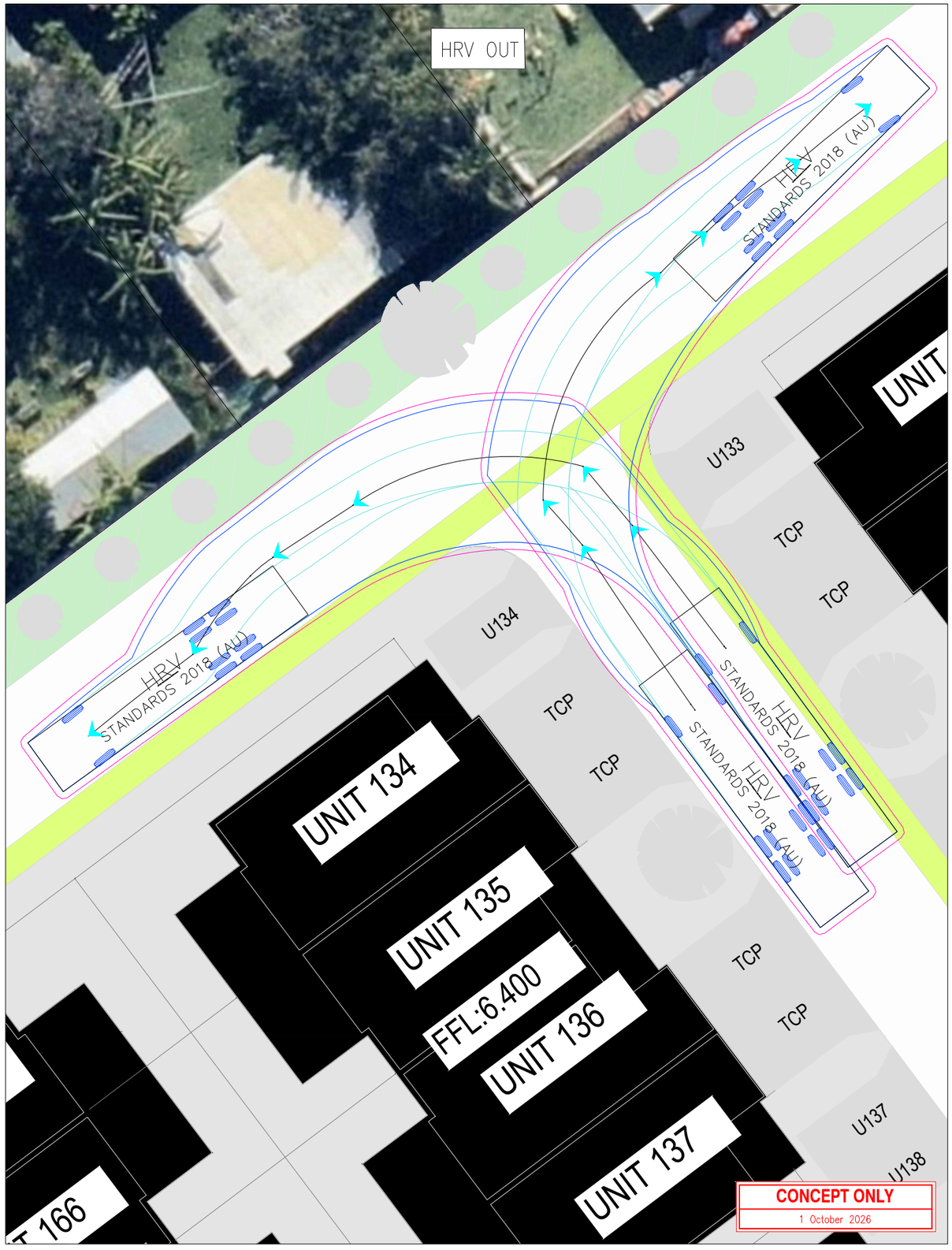
L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
CONSULT AUSTRALIA

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Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

Title:
INTERNAL MANOEUVERING
SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
CONSULT AUSTRALIA

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UNIT 102

UNIT 103

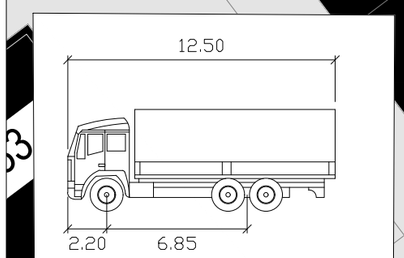
U99

U100

U171

U172

TCP



HRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	6.0
Steering Angle	: 36.7

CONCEPT ONLY
1 October 2026

0 1 2 3 4m
SCALE 1:100 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

Title:
INTERNAL MANOEUVERING
SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
CONSULT AUSTRALIA

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HRV IN

HRV OUT

UNIT 65

UNIT 64

UNIT 66

UNIT 67

FFL:6.400

UNIT 68

UNIT 69

UNIT 70

UNIT 98

UNIT 97

V50

U65

U66

U69

U70

TCP

HRV STANDARDS 2018 (AU)

12.50

2.20 6.85

HRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	6.0
Steering Angle	: 36.7

CONCEPT ONLY

1 October 2026

0 1 2 3 4m

SCALE 1:100 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

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L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
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0 1 2 3 4m
SCALE 1:100 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

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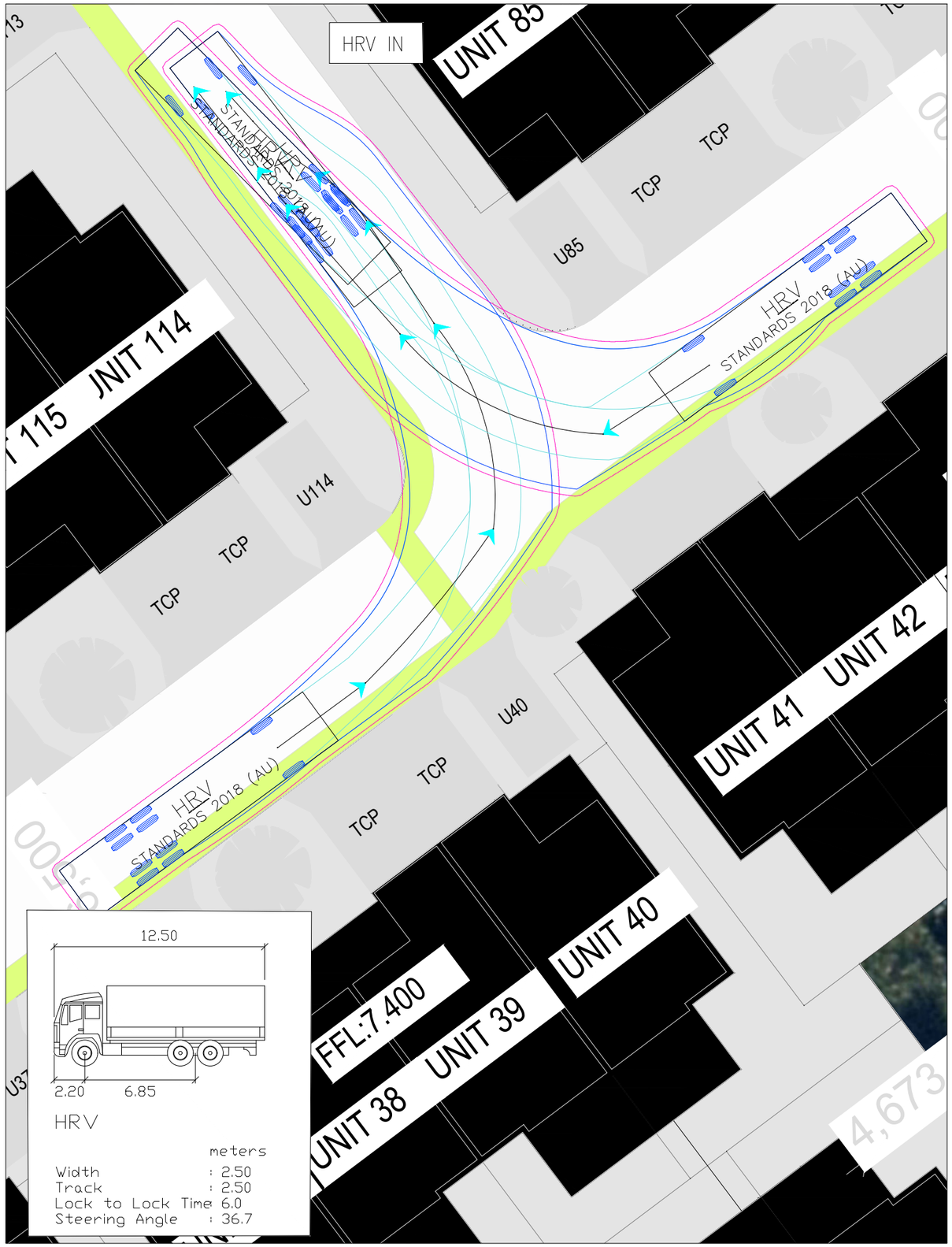
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SWEPT PATH ASSESSMENT

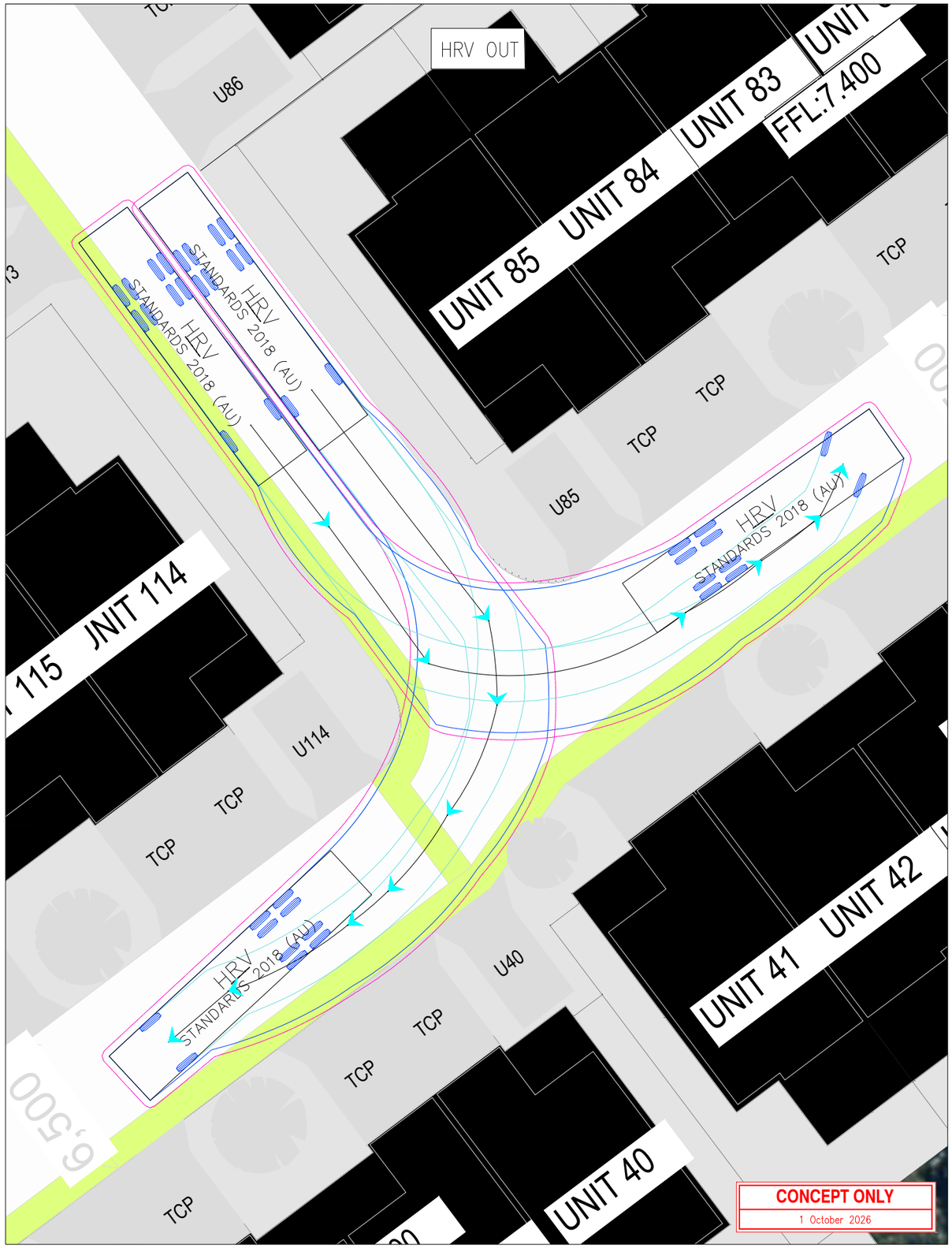
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LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
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0 1 2 3 4m
SCALE 1:100 (A1)

Project:
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PROPOSED TOWNHOUSE DEVELOPMENT

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SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
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HRV IN

HRV OUT

UNIT 119 JNIT 118

JNIT 148

UNIT 33 UNIT 34 UNIT 35

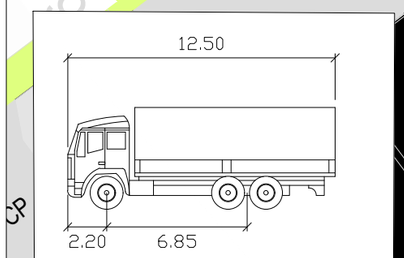
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UNIT 31 UNIT 32

U119 U148 U32 U33 U36

TCP

HRV STANDARDS 2018 (AU)



HRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	6.0
Steering Angle	: 36.7

CONCEPT ONLY
1 October 2026

0 1 2 3 4m
SCALE 1:100 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
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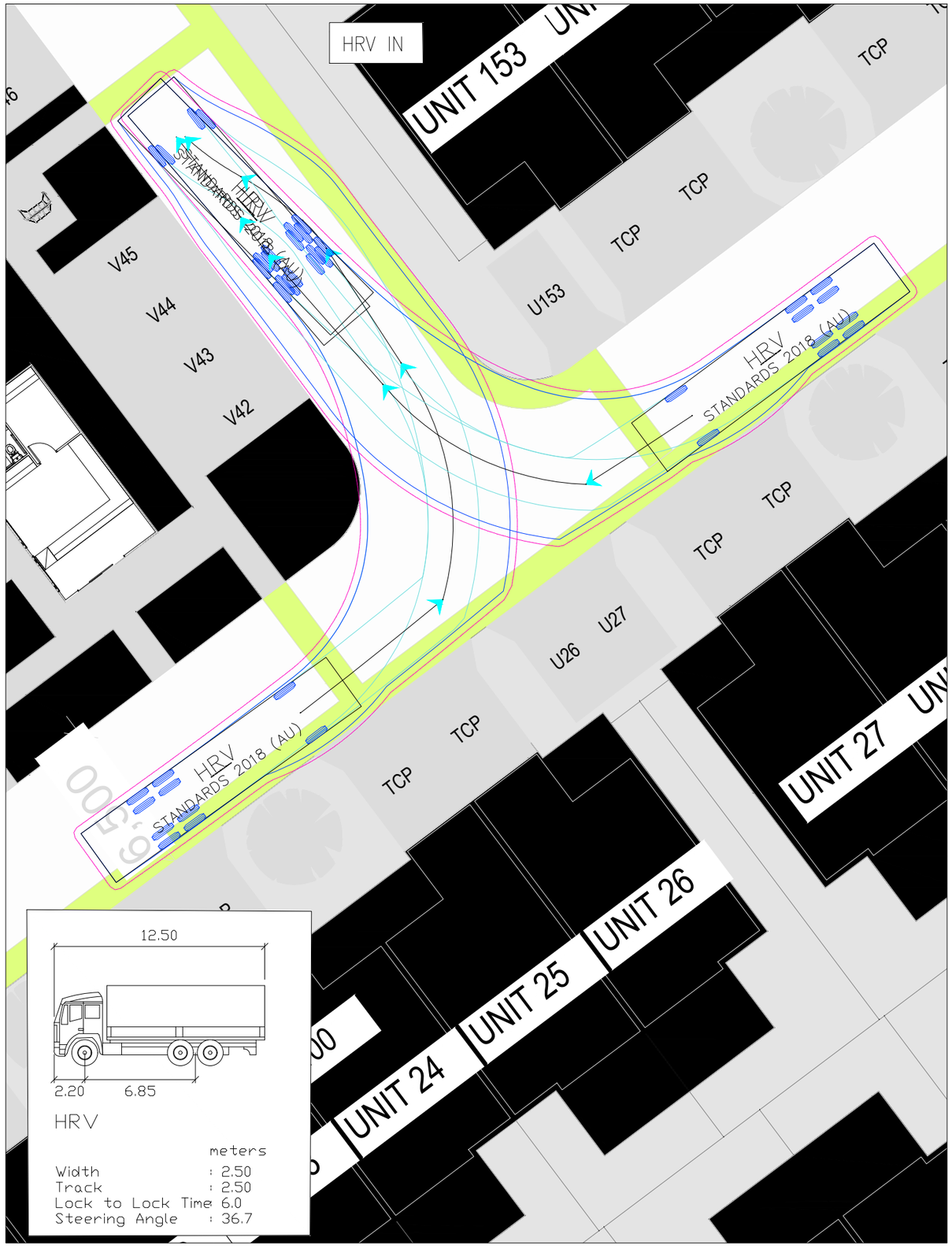
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INTERNAL MANOEUVERING
SWEPT PATH ASSESSMENT

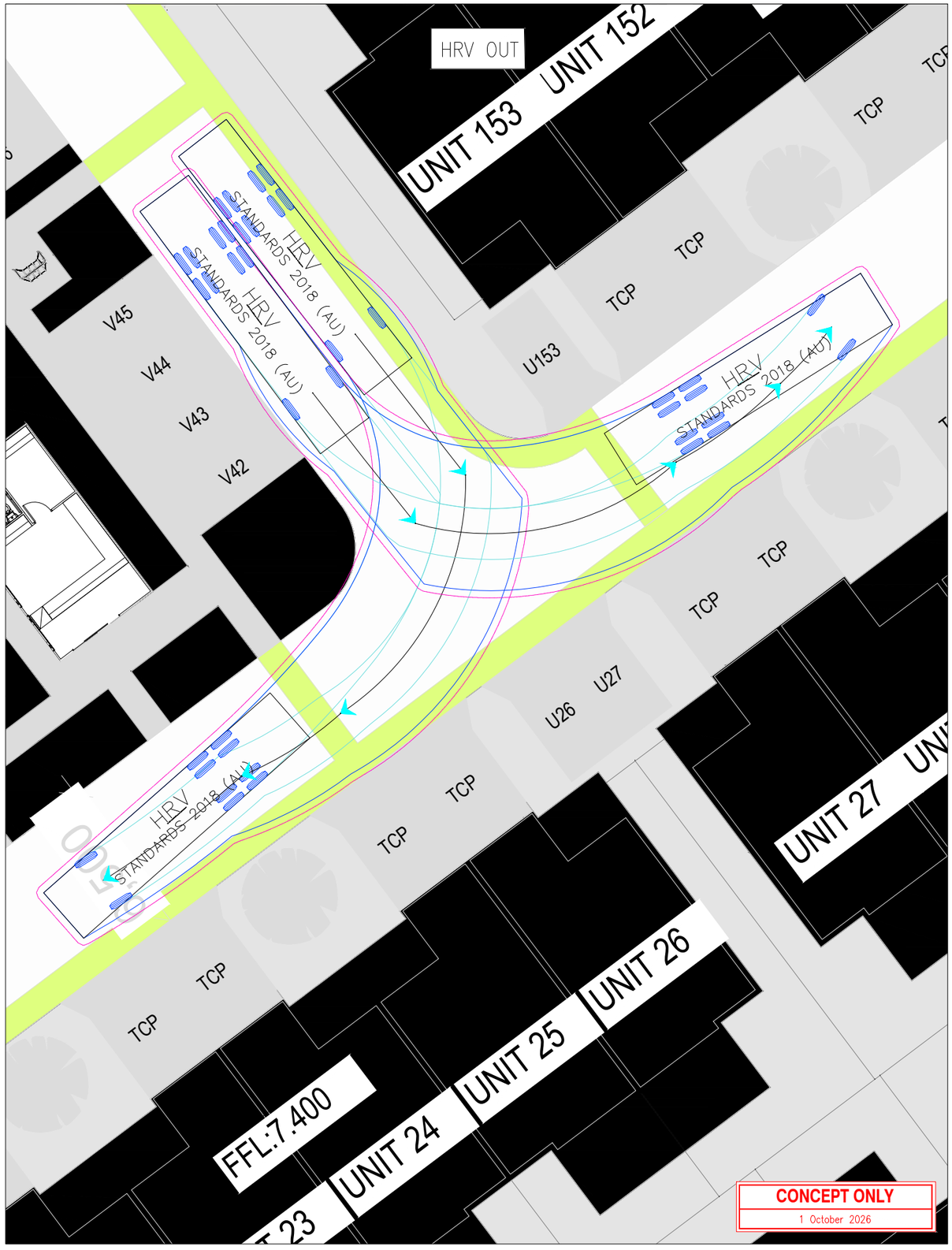
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LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
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0 1 2 3 4m

SCALE 1:100 (A1)

Project:
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PROPOSED TOWNHOUSE DEVELOPMENT

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L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
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HRV IN

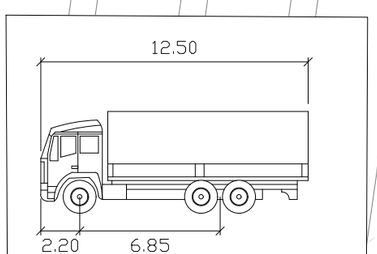
HRV OUT

V39 V38 V37 V36 V35 V15 V14 V13 V12 V11 V10 V09 V08 V07 V06 V05 V04 V03 V02 V01

TCP

HRV STANDARDS 2018 (AU)

6,500



HRV

	meters
Width	: 2.50
Track	: 2.50
Lock to Lock Time	6.0
Steering Angle	: 36.7

CONCEPT ONLY
1 October 2026

0 1 2 3 4m
SCALE 1:100 (A1)

Project:
56 BLINZINGER ROAD, BANYO 4014
PROPOSED TOWNHOUSE DEVELOPMENT

Client:
AR Developments Pty Ltd

Title:
INTERNAL MANOEUVERING
SWEPT PATH ASSESSMENT

L+R ENGINEERS MANAGERS SCIENTISTS
LEVEL 3, 12 COMMERCIAL ROAD
NEWSTEAD QLD 4006
P.O. BOX 112 FORTITUDE VALLEY QLD 4006
TELEPHONE (07) 3250 9000
EMAIL mail@lar.net.au
WEB www.lar.net.au
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Figure No: B26299-SK-012
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APPENDIX D: SYSTEMS AND SPECIFICATIONS

D.1 TYPICAL WASTE BINS

BIN TYPES	WASTE STREAM	EXAMPLES	INFORMATION
Office / Room Bins	General Waste & Recycling	 	Various sizes and options. Stand-alone and built-in available. Examples: http://www.bunnings.com.au
60 – 80 L Bins	General Waste, Recycling, Green Waste, Paper, Cardboard		Dwellings / public place bins. Various suppliers and dimensions. Examples: http://www.bunnings.com.au
140L/ 240L Bins	General Waste, Recycling, Green Waste, Paper, Cardboard, Food waste		140L approximate dimensions: 535 x 915 x 615mm (W x H x D) 240L approximate dimensions: 585 x 1060 x 730mm (W x H x D) Examples: http://www.justwheeliebins.com.au, http://wheeliebinsonline.com.au

D.2 TYPICAL WASTE MANAGEMENT EQUIPMENT

SYSTEMS	WASTE STREAM	EXAMPLES	INFORMATION
Organics household composting or worm farm (optional)	Food Waste / Organics	 	Examples: https://www.bunnings.com.au https://closedloop.com.au/home-composter/

D.3 WASTE TRANSFER AND DISPOSAL METHODS

METHOD	EXAMPLES	DESCRIPTION
Manual Transfer / Disposal	 	**Manual transfer** is simply the process of physically carrying waste bags, food waste receptacles, or recycling boxes and crates without equipment. • **General waste** should be bagged prior to any transfer from dwellings to waste storage area. • **Food waste** should be placed in receptacles such as caddy style bins or buckets which will not allow leakage during transfer. • **Recycling** should be placed in boxes or crates prior to transfer. • **Cardboard and paper items** can be placed within another cardboard box for transfer.

D.4 REFUSE MINIMISATION OPTIONS – WASTE

SYSTEMS	EXAMPLES	DESCRIPTION
Composting	 	Food waste composting is an option of reducing the amount of general waste going to landfill where organic waste can create methane gas due to anaerobic digestion, which contributes to global warming. Systems of different scales exist from small benchtop composters for individual households or apartments to commercial size systems. The process usually involves breaking down organic food scraps through natural processes. This includes systems such as worm farms or composters where microbes break down the food waste, with or without the aid of compost additives. The composted products are rich in nutrients and good bacteria, and they can be added to flower beds or gardens. Most food wastes and other organic (garden) material can be composted including meat, fish, vegetables, fruit, dairy, coffee, or wilted flowers. However, large bones, excessive liquids such as cooking oil or seafood shells should not be placed in the composers.
Charity Donations	 	A good way of minimising waste is to reuse items that are still good to use. Several charity organisations exist that accept items such clothing, shoes, bedding, books, toys, furniture, kitchenware, and other household items. The donated items must not be torn, damaged or broken. Electrical appliances such as white goods are usually not accepted. Common organisations operating in Australia include Saint Vincent de Paul Society (Vinnies) and Lifeline. Items can be placed into the organisations' charity / donation bins located in various public spaces such as near community or shopping areas. Alternatively, they can be dropped off at the organisations' shops during opening hours. Refer to https://www.lifeline.org.au or https://www.vinnies.org.au for further information. For larger developments and precincts where large amounts of donation items can be expected, the placement of charity bins within the development should be taken into consideration.

E.5 REFUSE MINIMALISATION OPTIONS – RECYCLING

SYSTEMS	EXAMPLES	DESCRIPTIONS
Container Deposit Schemes	 	Container deposit / refund schemes are currently in place in several states in Australia. Tenants should be encouraged to separate containers that qualify for the schemes from the waste or recycling streams, and return them to one of the return points. Storage space or dedicated bins within communal areas should be provided. For larger developments or precincts where large amounts of empty containers are expected, consideration may be given to an on-site return point. The return points should be located near recycling bins so that cardboard boxes or plastic bags that have been used to transfer the empty containers to the return point can be disposed appropriately. This can prevent cluttering of the area around the return point.

APPENDIX E: WHAT WASTE CAN BE DISPOSED OF IN WHICH BIN

E.1 GENERAL WASTE (RED OR DARK GREEN LID)

Items which can go in the general waste bin

- General household waste
- Food scraps
- Plastic bags and other soft plastics
- Plastic food wrapping, packets and cling wrap
- Ceramics and crockery
- Non-recyclable glass and mirrors
- Nappies
- Polystyrene foam / Styrofoam
- Grass clippings

E.2 COMMINGLED RECYCLING (YELLOW LID)

- Steel and aluminium cans (including aerosols)
- Glass bottles and jars
- All firm and flexible plastic containers from the kitchen, bathroom and laundry. Such as soft drink bottles, takeaway containers, margarine containers, milk and juice bottles, yoghurt tubs, biscuit and sushi trays, detergent and shampoo bottles.
- Paper and cardboard, including pizza boxes
- Cartons
- Aluminium foil and trays

E.3 GREEN WASTE (LIME GREEN LID) (WHERE APPLICABLE)

- Grass clippings
- Weeds
- Leaves and loose bark
- Palm fronds (Cut into pieces to ensure lid closes)
- Pruning's from shrubs and trees up to 10cm in diameters and 75cm in length