



Ref: 0541r02v01

1/02/2024

Linfield Group Pty Ltd
2 Rider Boulevard
Rhodes NSW 2138

Attention: Shan Lin

**RE: 182—186 GERTRUDE STREET, NORTH GOSFORD
DEVELOPMENT APPLICATION FOR A RESIDENTIAL DEVELOPMENT (DA23/3021)
TRAFFIC LETTER OF RESPONSE TO COUNCIL REQUEST FOR INFORMATION**

Dear Shan,

PDC Consultants has been commissioned to prepare a Letter of Response (Letter) to a Request for Information (RFI) made by Central Coast Council (Council) dated 24 November 2023 in relation to Development Application (DA) 23/3021 for a residential flat building development at 182—186 Gertrude Street, North Gosford.

This Letter responds to traffic-related items under the RFI subheading 'Engineering', which can broadly be categorised as follows:

Concerns over waste collection arrangements and truck size

It is our understanding that the respective waste experts of Council and the applicant have agreed to on-street waste collection, via use of a temporary kerbside bin holding area onto Gertrude Street. This in turn eliminates the need for any trucks to enter the site.

The development retains provision of a service bay on Level 01 for service vehicles to safely park without impeding residential traffic; however, the use of this service bay would be significantly reduced should waste collection occur on-street. It would also only be required to accommodate typical delivery vehicles up to and including a B99 design vehicle, as defined by *Australian Standard 2890.1-2004, Part 1: Off-street car parking* (AS 2890.1).

Requests to widen circulatory ramps to improve vehicle manoeuvrability

Safety concerns over swept paths are greatly reduced by the fact that waste collection is set to occur on-street and no trucks are required to enter the basement.

Nevertheless, further widening of the curved ramps between Level 02 and Level 01 and Level 01 and Ground Floor has been undertaken on amended architectural plans provided as **Attachment 1**, which further improves the ability for two vehicles to pass one another.

Satisfactory two-way passing along these ramps is demonstrated by amended swept paths provided as **Attachment 2**.

All ramps between the Ground Floor and Basement Levels have been widened to 5.5 metres between kerbs, as requested (**Attachment 1**). Traffic signals are maintained to further manage infrequent two-way vehicular conflicts.

PDC Consultants



Lack of detail over the proposed vehicle ramp and long sections

Long sections of the vehicle ramp between Gertrude Street at Level 02 and Level 01 have been prepared along the inner and outer kerb edges, plus the ramp centreline, and are provided in **Attachment 1**.

Vertical clearance swept path analysis has been run along the inner kerb edge, being the critical long section, using a B99 design vehicle. This analysis, provided as **Attachment 2**, demonstrates satisfactory ground clearance for a vehicle entering and exiting the site via the ramp and as such, the proposed arrangements are considered satisfactory.

The development is therefore considered supportable on traffic planning grounds. Please contact the undersigned should you have any queries or require any further information.

Yours sincerely,

A handwritten signature in black ink that reads 'Ben Midgley'.

Ben Midgley

Principal Traffic Engineer, PDC Consultants

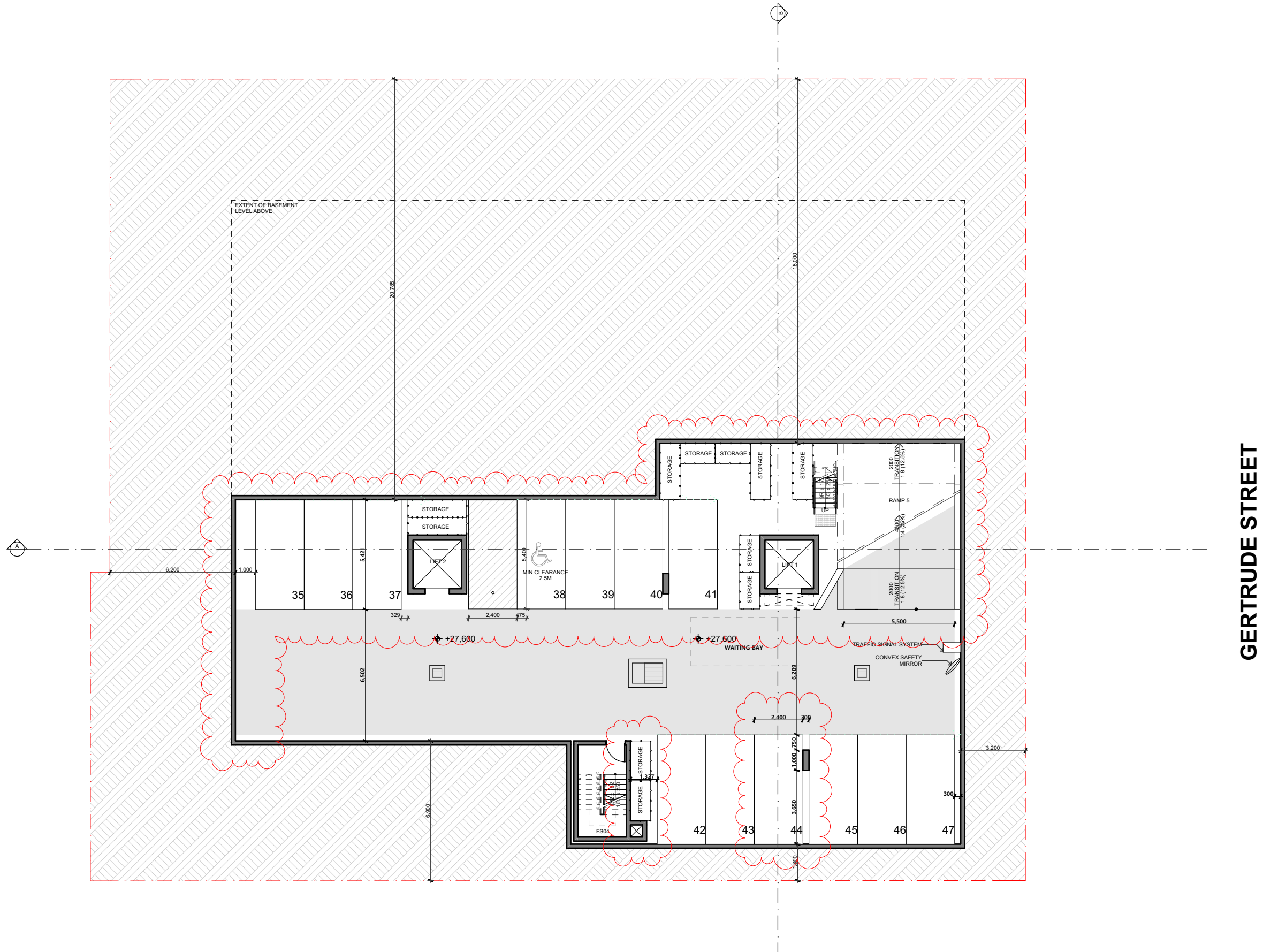
Email: bmidgley@pdcconsultants.com.au

Attachments

- 1) *Amended Architectural Drawings*
- 2) *Swept Path Drawings*



Attachment 1



NOTE
The Builder shall check all dimensions and levels on site prior to construction. Notify any errors, discrepancies or omissions to the architect. Refer to written dimensions only. Do not scale drawings. Drawings shall not be used for construction purposes until issued for construction. This drawing reflects a design by Texco Design Pty Ltd and is to be used only for work when authorised in writing by Texco Design Pty Ltd.

All boundaries and contours are subject to survey drawing. All levels to Australian Height Data. It is the contractors responsibility to confirm all measurements on site and locations of any services prior to work on site.

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Project Partners
Refer to consultant documentation when directed

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- Planning Consultant	- #Planning Consultant
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- Landscape Designer	- #Landscape Consultant
- Traffic Engineer	- #Traffic Engineer
- Surveyor Consultant	- #Surveyor

RevID	Transmittal Set Date	Approved by	Rev. Note
A	10/11/2022	TZ	ISSUE FOR SUBMISSION
B	6/03/2023	TZ	ISSUE FOR SUBMISSION
C	24/01/2024	TZ	ISSUE FOR SUBMISSION

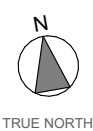
Project Designer



TEXCO DESIGN

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Drawn | Checked MC | TZ |
Revision Date: 24/01/2024
Project NO. 2201
Project Status DA

Client LINDFIELD GROUP
Site: 182-186 GERTRUDE ST NORTH GOSFORD
Climate Zone 5
Wind Region A

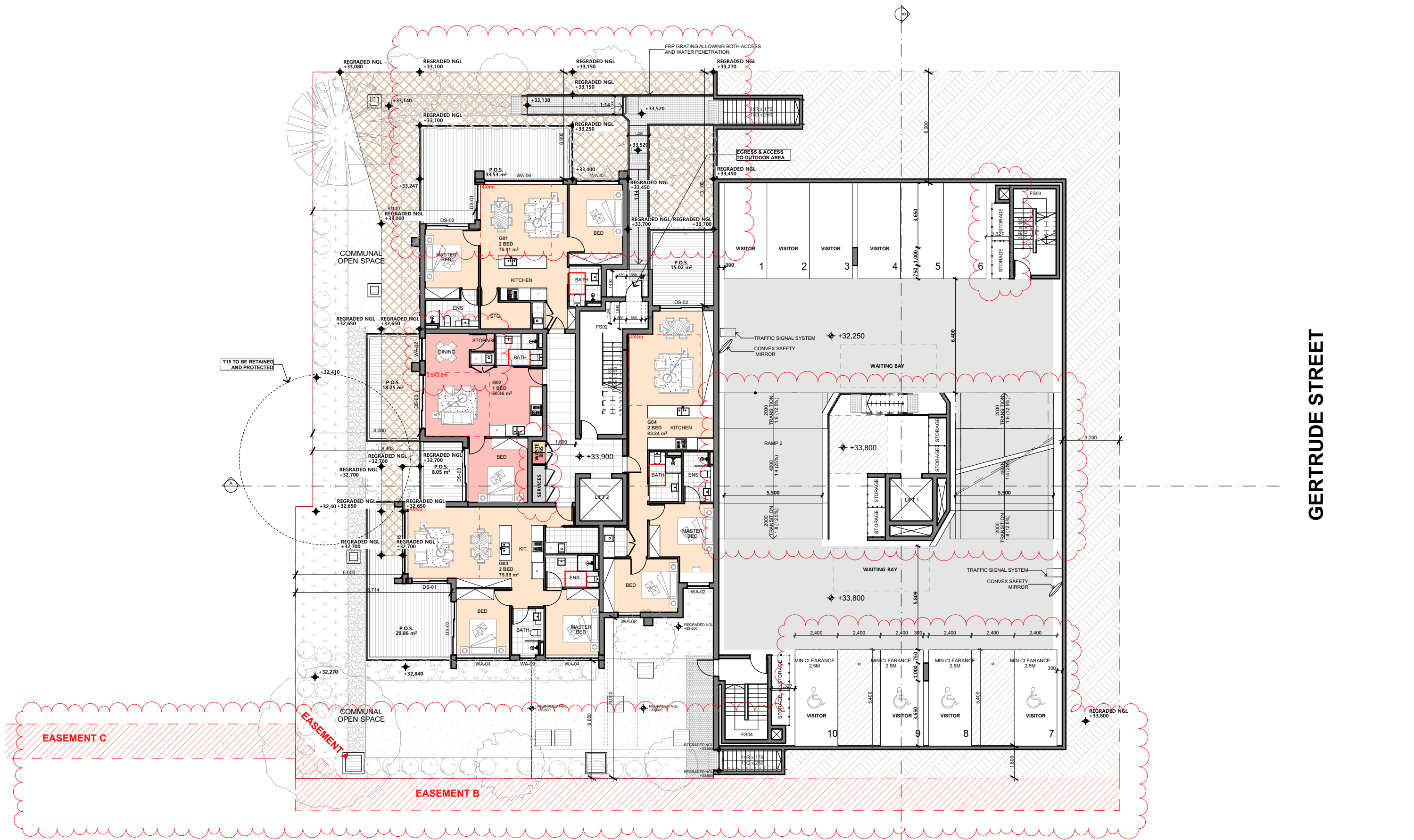
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A3
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DRAWING TITLE :
**PLANS
BASEMENT 02 PLAN**

PROJECT NAME :
**182-186 GERTRUDE ST NORTH
GOSFORD**

REVISION NO.
C

DRAWING NO.
101



GERTRUDE STREET

SITE REGRADING AS PER FLOOD REPORT

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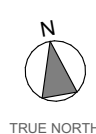
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Revision Date: 24/01/2024
Project NO: 2201
Project Status: DA

Client: LINDFIELD GROUP
Site: 182-186 GERTRUDE ST NORTH GOSFORD
Climate Zone: 5
Wind Region: A

PAPER

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PLANS
GROUND FLOOR PLAN

PROJECT NAME :

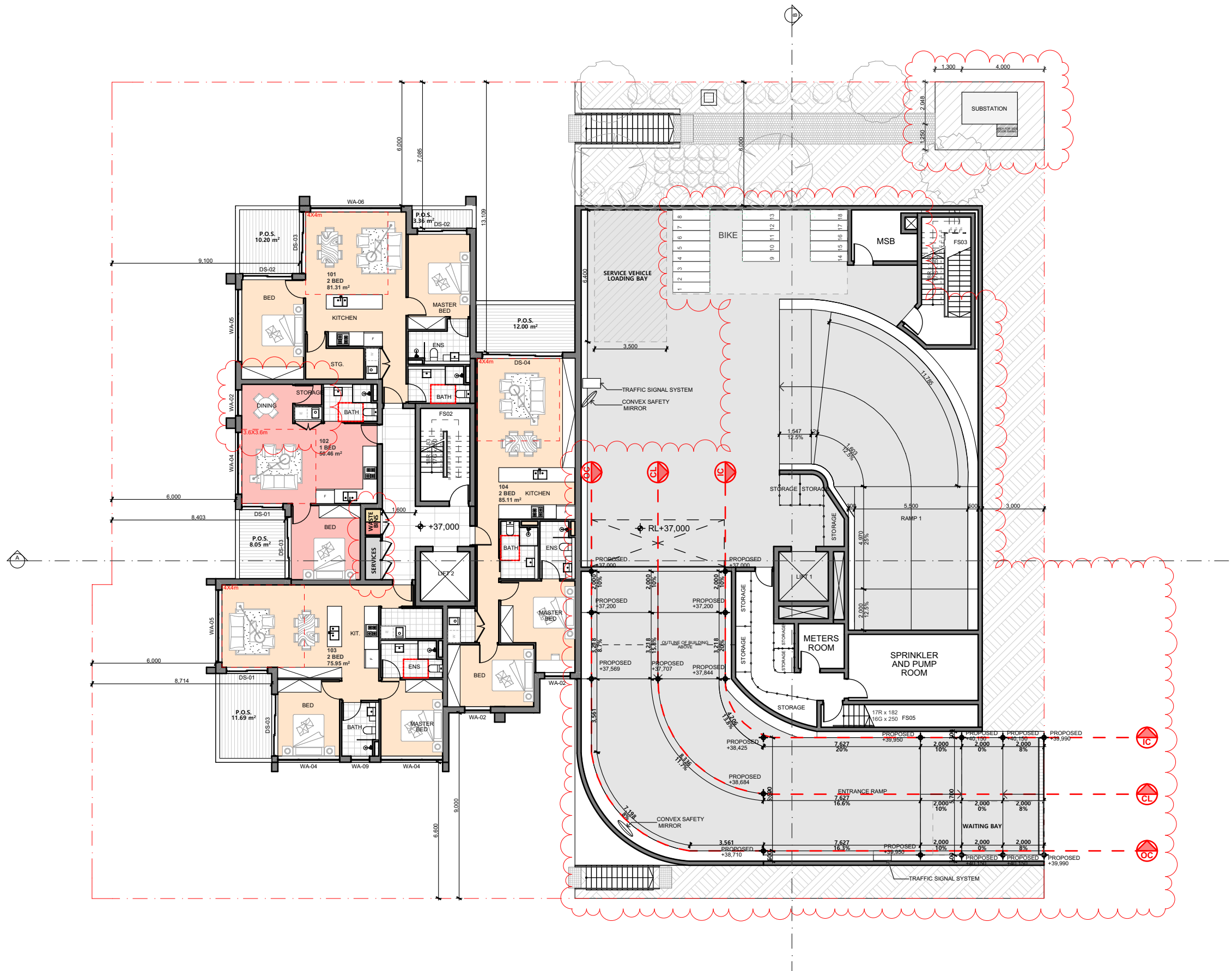
182-186 GERTRUDE ST NORTH
GOSFORD

REVISION NO.

C

DRAWING NO.

103



GERTRUDE STREET

NOTE

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Project Designer

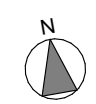


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TRUE NORTH

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Revision Date: 24/01/2024
Project NO. 2201
Project Status DA

Client
Site:
Climate Zone
Wind Region

LINDFIELD GROUP
182-186 GERTRUDE ST NORTH GOSFORD
5
A

PAPER

A3

1:200

DRAWING TITLE :

PLANS
LEVEL 01 FLOOR PLAN

PROJECT NAME :

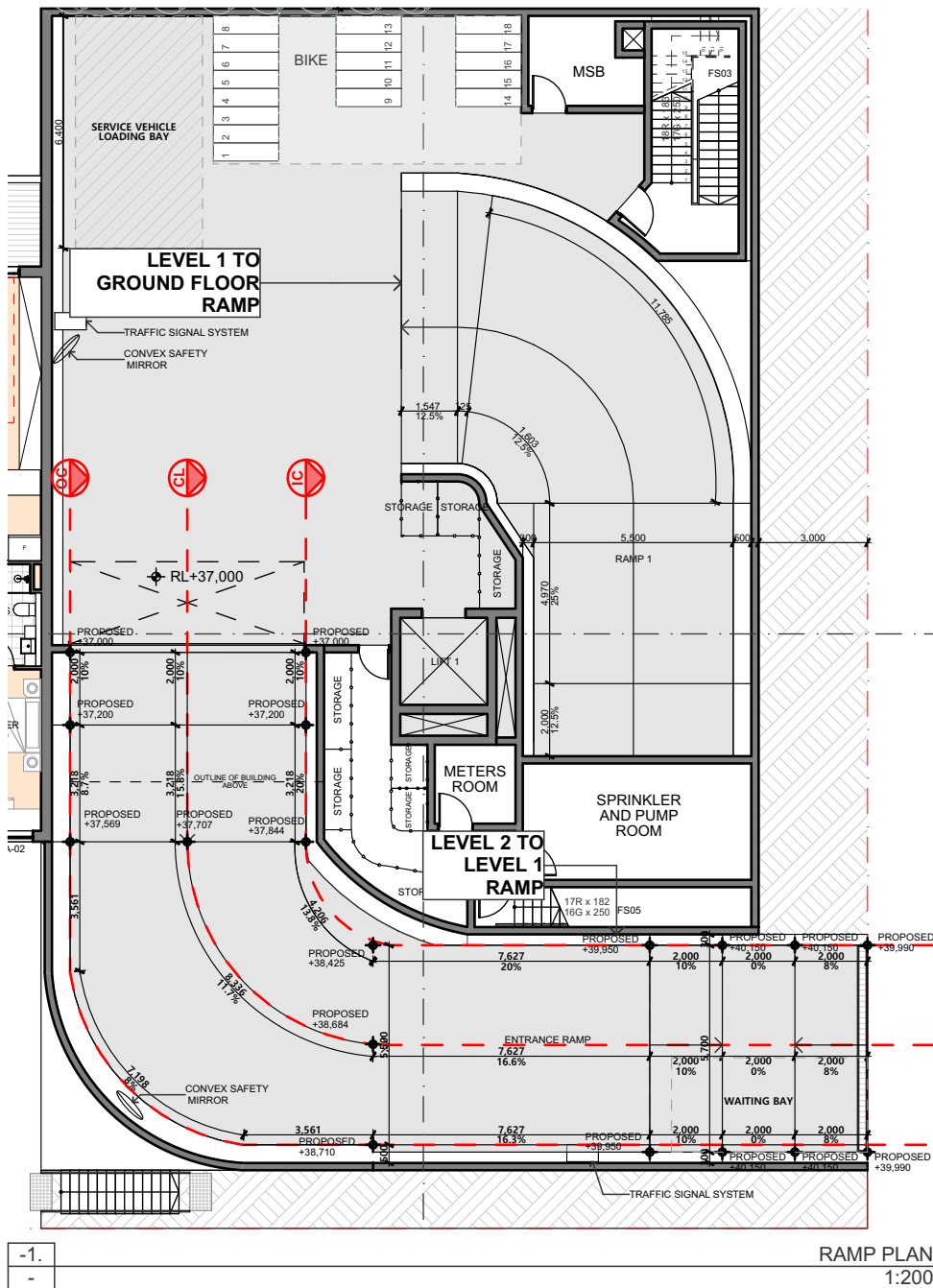
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GOSFORD

REVISION NO.

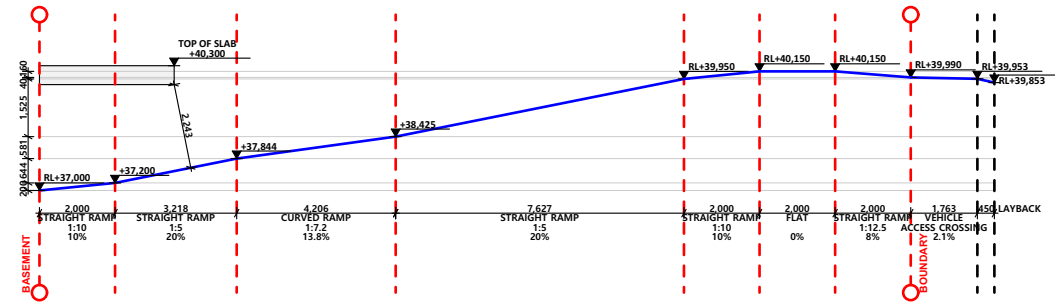
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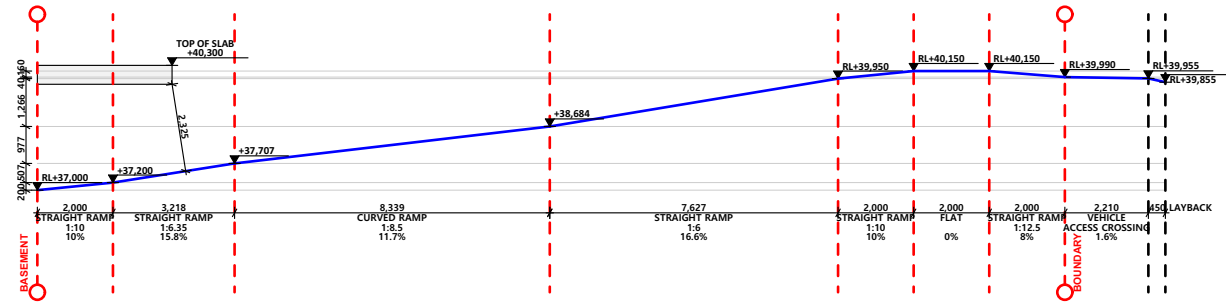
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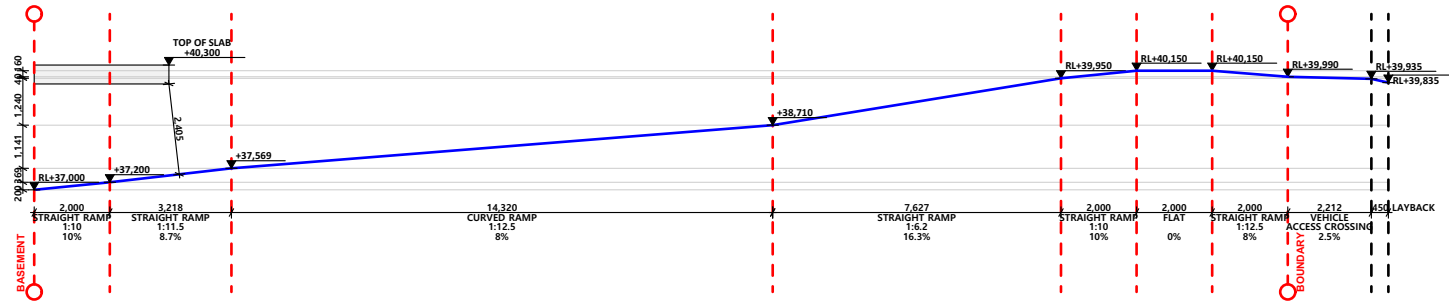
RAMP PLAN
1:200



IC - INNER CURB SECTION
1:200



CL - CENTRAL LINE SECTION
1:200



OC - OUTER CURB SECTION
1:200

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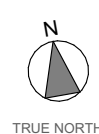
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Revision Date: 24/01/2024
Project NO: 2201
Project Status: DA

Client: LINDFIELD GROUP
Site: 182-186 GERTRUDE ST NORTH GOSFORD
Climate Zone: 5
Wind Region: A

PAPER
A3
1:200

DRAWING TITLE :
**DETAILS
ROLLOUT-RAMP SECTION**

PROJECT NAME :
**182-186 GERTRUDE ST NORTH
GOSFORD**


REVISION NO.
C

DRAWING NO.
502

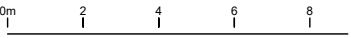


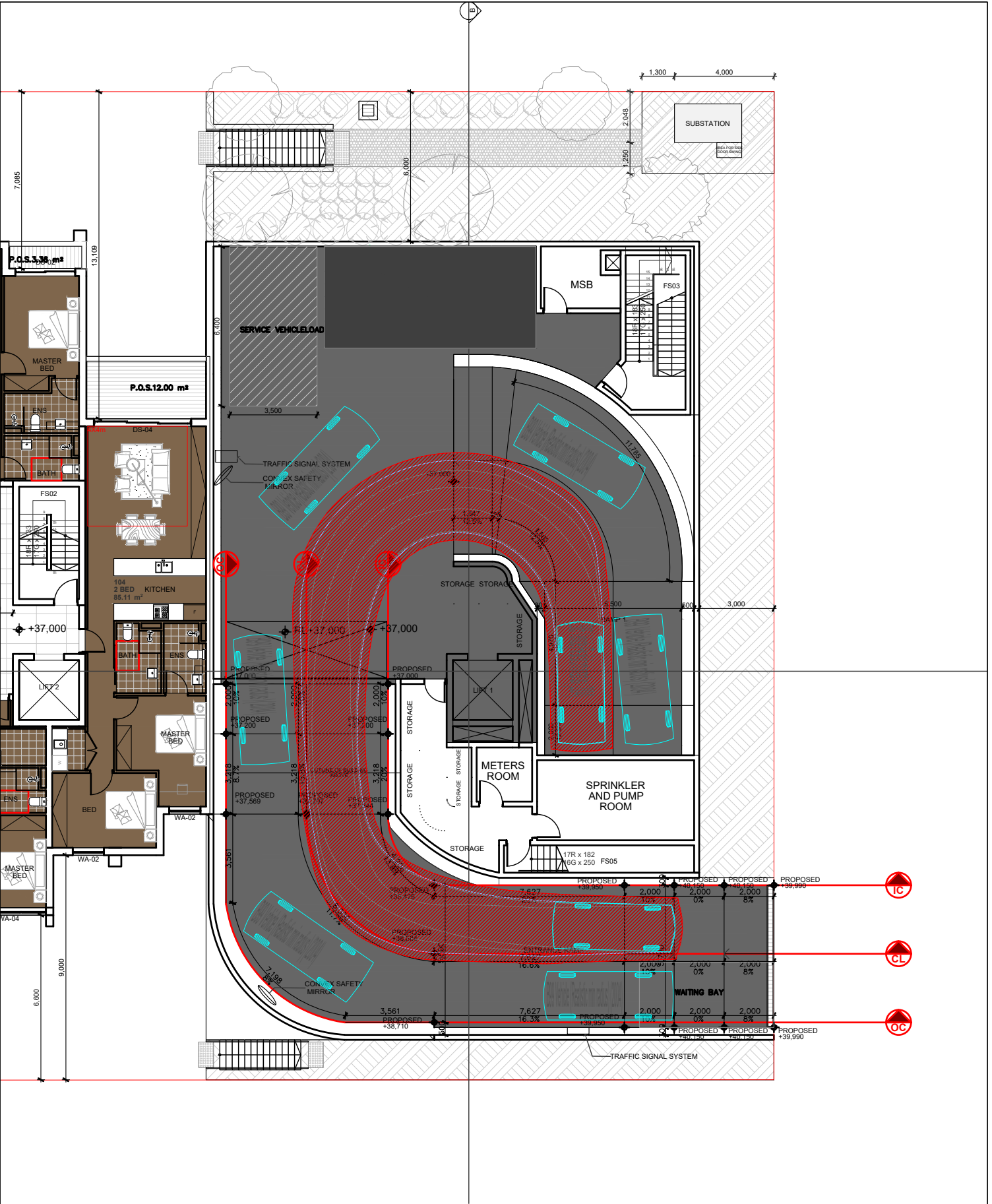
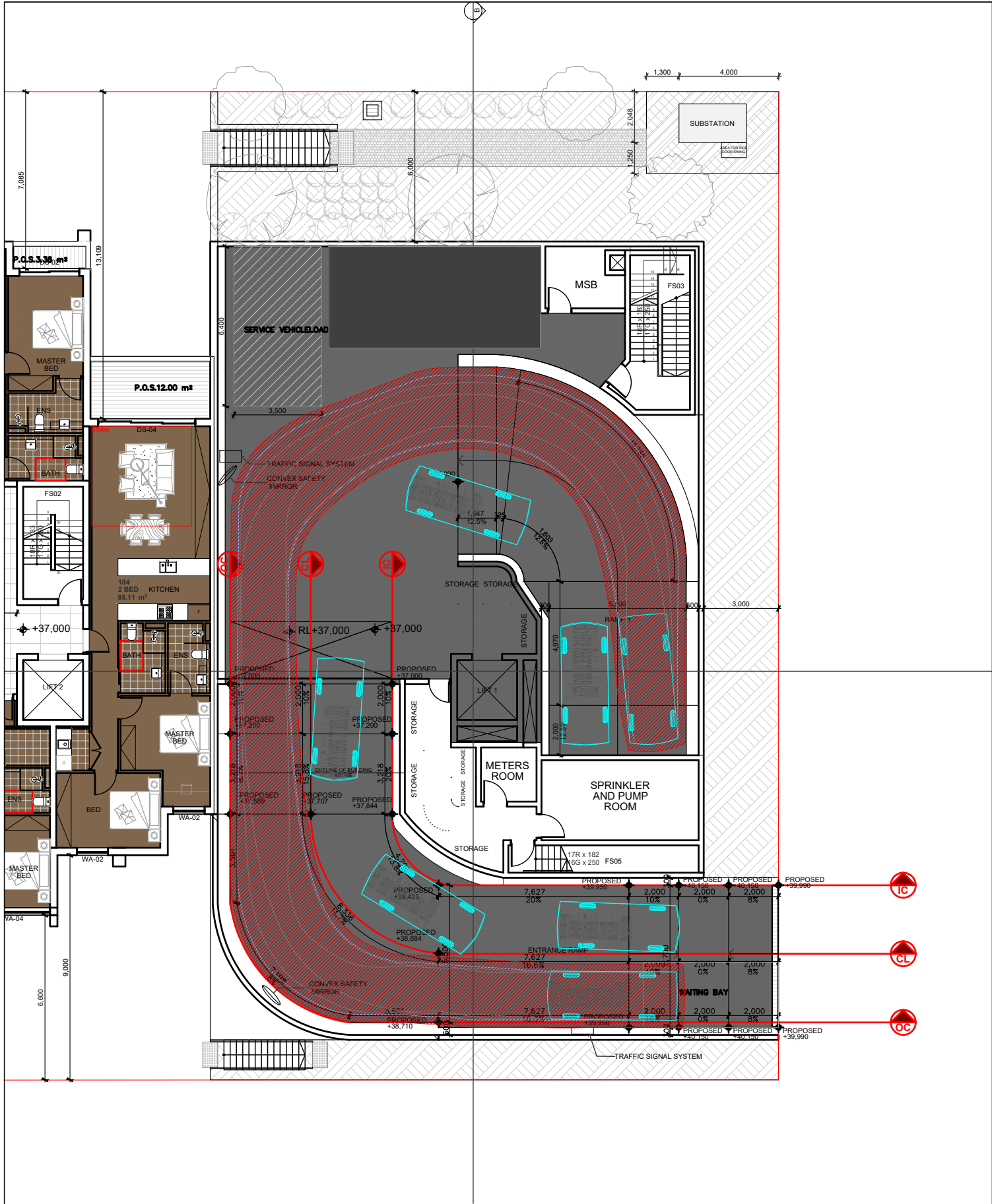
Attachment 2





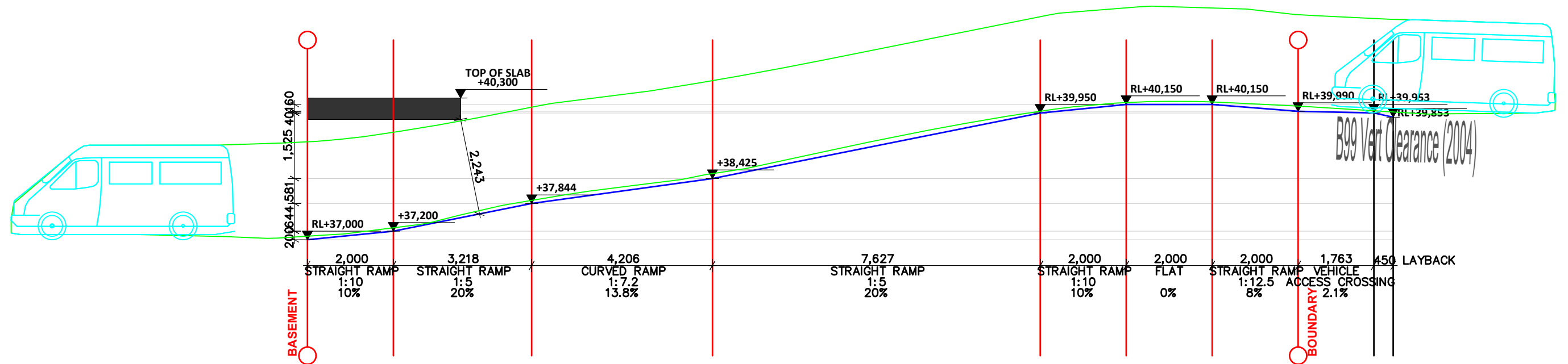
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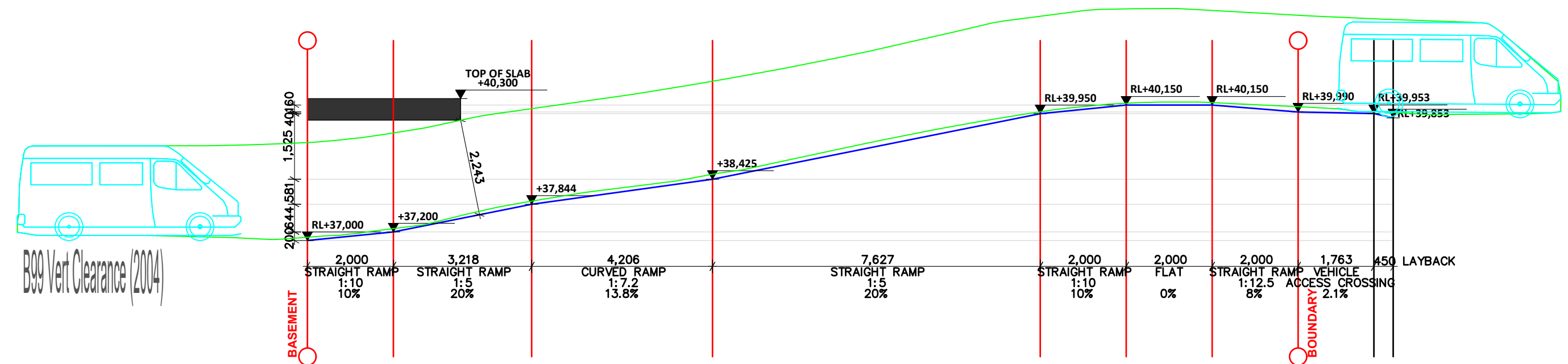
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Project No 0541	Sheet Status NOT FOR CONSTRUCTION	Drawn By BM	Date 31/01/2024
Scale 1:200 @ A3 			



No.	Date	Description	<div>Swept Path Key</div> <div><div>-----</div> Vehicle Wheel Path</div> <div><div>-----</div> Vehicle Body Envelope</div> <div><div>-----</div> 300mm Vehicle Clearance</div>	<div>North</div> <div><div>N</div><div></div></div>	<div>Drawing Prepared By</div> <div><div></div><div><div>PDC Consultants</div><div>Level 14, 100 William Street</div><div>Woolloomooloo NSW 2011</div><div>t: +61 2 7900 6514</div><div>w: www.pdcconsultants.com.au</div><div>ABN: 70 615 064 670</div></div></div>	<div>Project</div> <div>182 - 186 Gertrude Street, North Gosford</div>	<div>Drawing Title</div> <div>Swept Path Analysis</div> <div>Level 01</div> <div>B99 Passing B85 Design Vehicle</div>	<div>Drawing No.</div> <div>002</div>	<div>Revision No.</div> <div>-</div>
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IC - INNER CURB SECTION



IC - INNER CURB SECTION

No.	Date	Description	Swept Path Key	North	Drawing Prepared By	Project	Drawing Title	Drawing No.	Revision No.
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