

Reference: EW22067

14 March 2023

Mr. Martin Cork
C/- Luigi Rosselli Architects
Evan Howard
Senior Associate
Email: evan@luigirosselli.com

Dear Evan,

Re: 1168 Barrenjoey Road, Palm Beach – Traffic Engineering Assessment

I refer to your instructions to assess the proposed residence's car parking facility shown in the provided architectural plans (**Attachment 1**).

My assessment has regard to the design requirements of Australian Standards AS2890.1:2004.

The assessment confirms that the provisions made in the driveway access, car park geometry, and circulation arrangement satisfy the AS2890.1 design requirements. For reference, a swept path assessment has been undertaken to confirm the above findings. The accompanying swept path diagrams are provided in **Attachment 2**.

I trust the above is suitable for your requirements. Otherwise, please do not hesitate to contact me at 02 7255 8198 to discuss this further.

Yours faithfully,



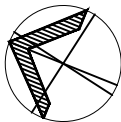
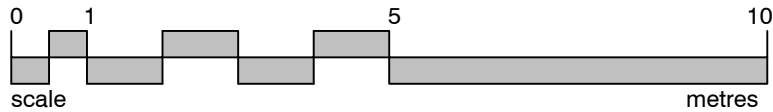
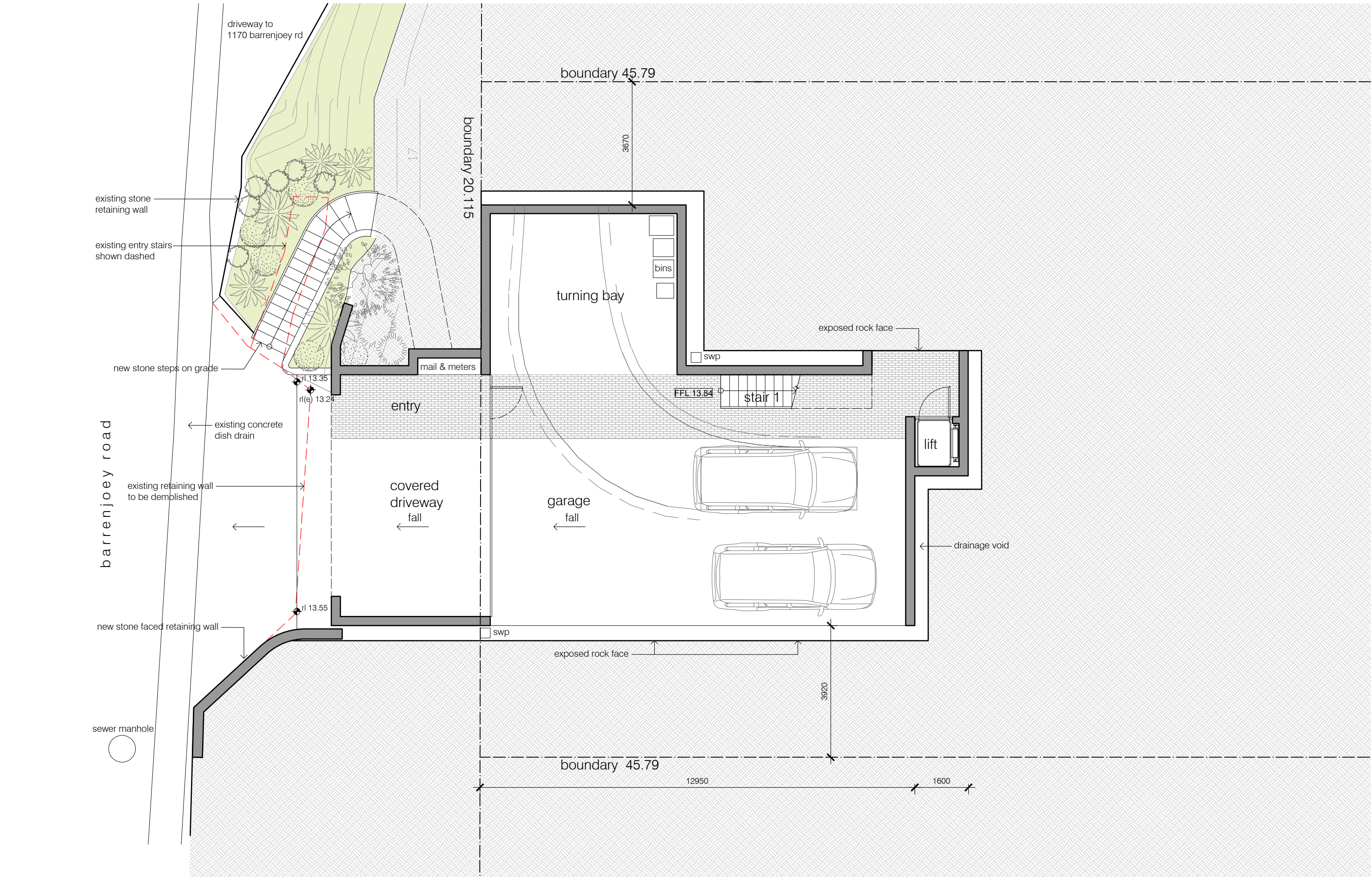
Bernard Lo BE (Civil), MTrans, PRE 0001491
Principal

Encl.

Attachment 1

Assessed Plans





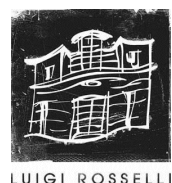
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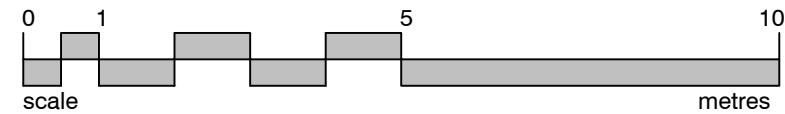
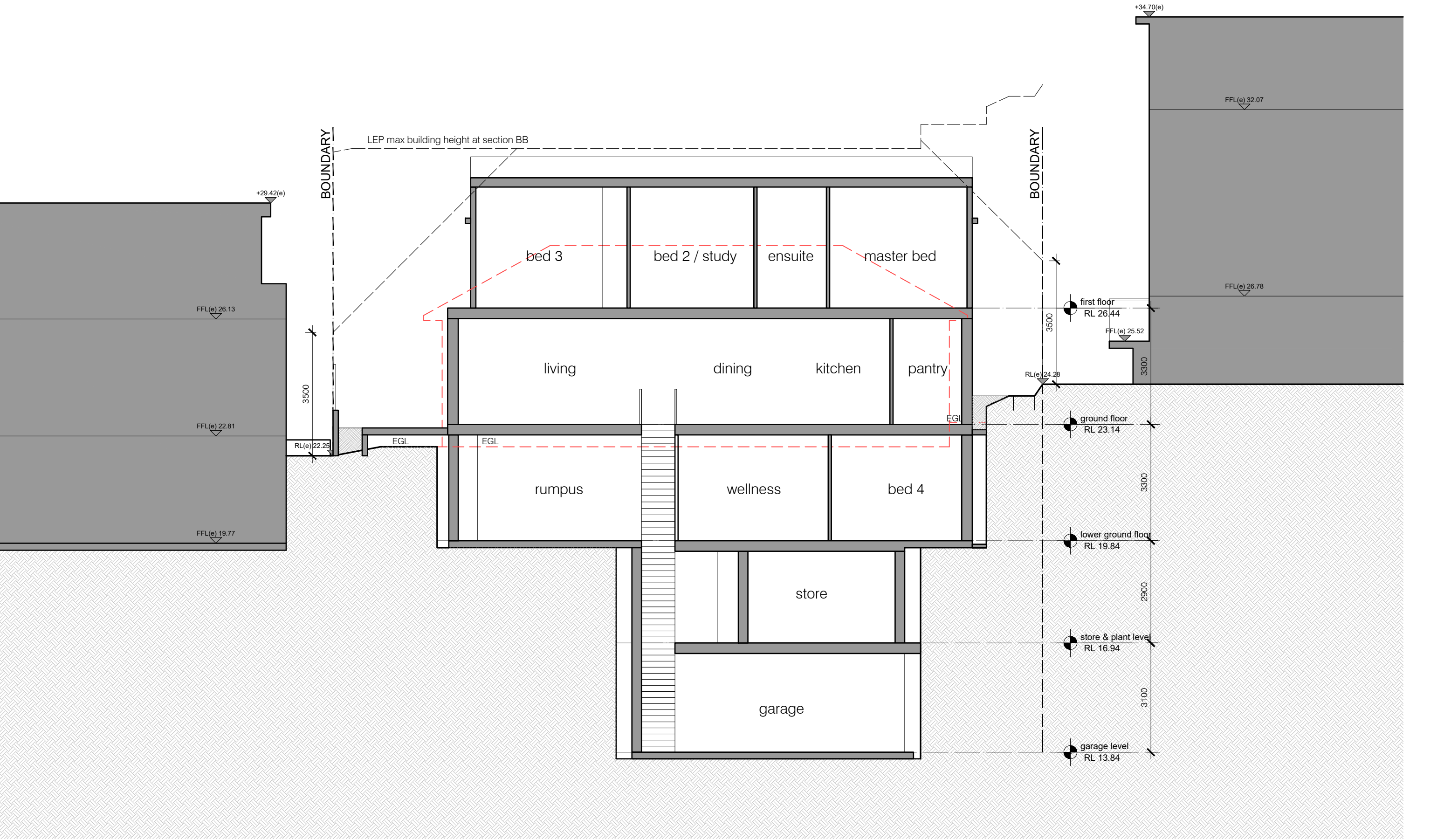
The Contractor shall verify all dimensions & levels on the site.
Written dimensions to take preference over scaled dimensions.
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plan - garage (I1)
new residence
1168 barrenjoey rd palm beach

DA03
scale 1:100
plotdate 2/28/2023 2:06 PM
cadfile plan - garage (I1).dwg
2041





issue	date	description
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section bb
new residence
1168 barrenjoey rd palm beach

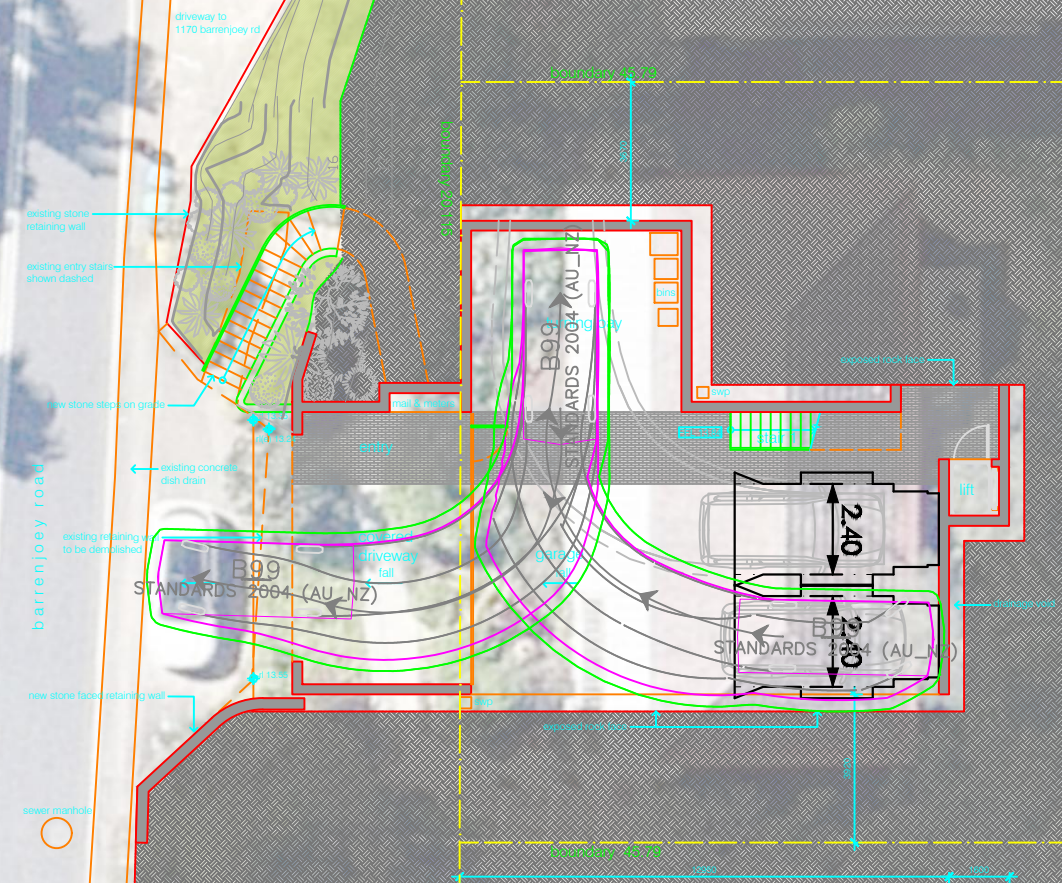
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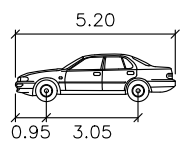
Attachment 2

Swept Path Diagrams





- VEHICLE CENTRE LINE
- - - VEHICLE TYRE PATH
- VEHICLE BODY PATH
- - - 300mm CLEARANCE FROM VEHICLE BODY



B99

	meters
Width	: 1.94
Track	: 1.84
Lock to Lock Time	: 6.0
Steering Angle	: 33.9