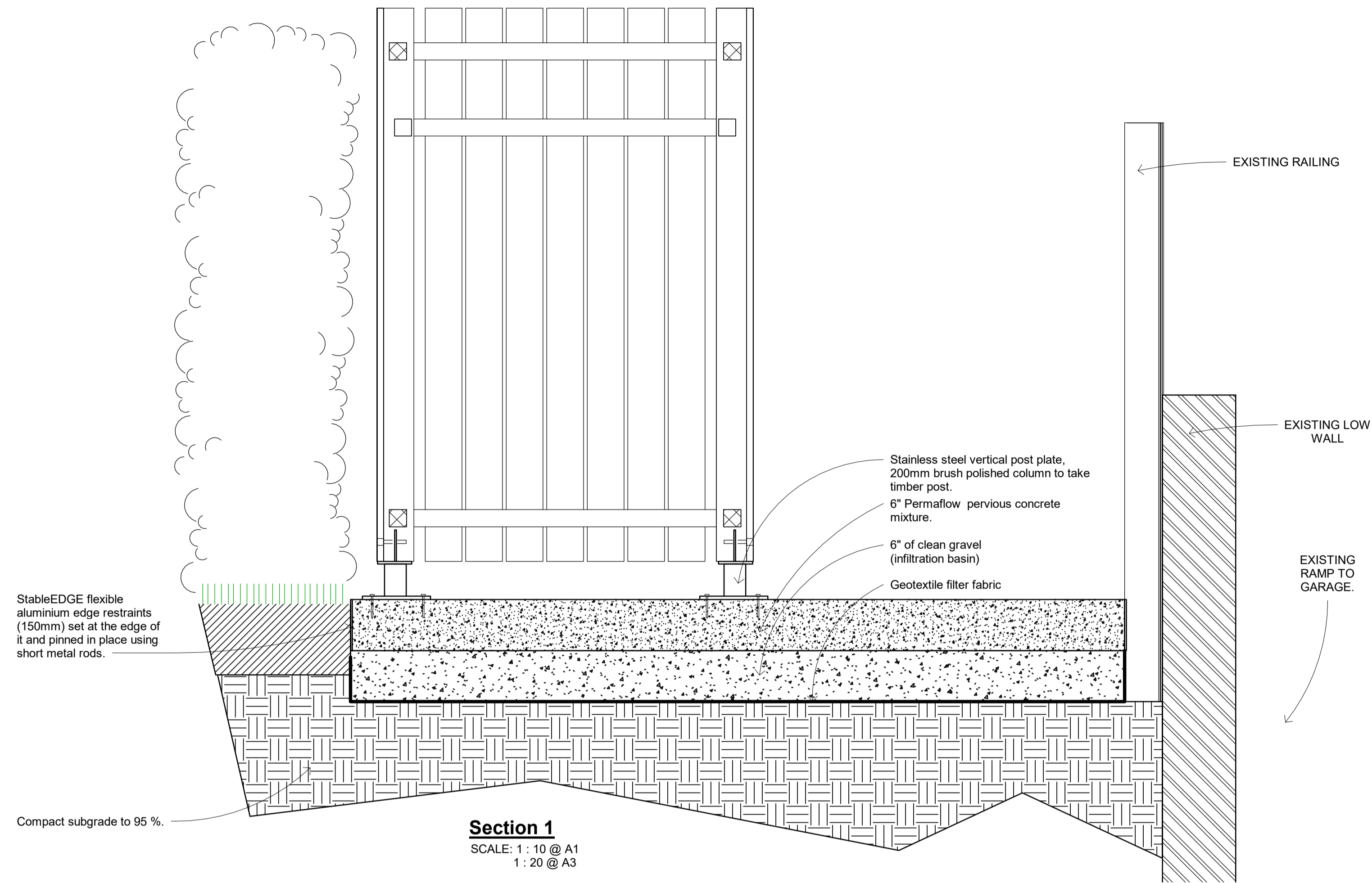


# The build approach ensures underlying roots are not impacted

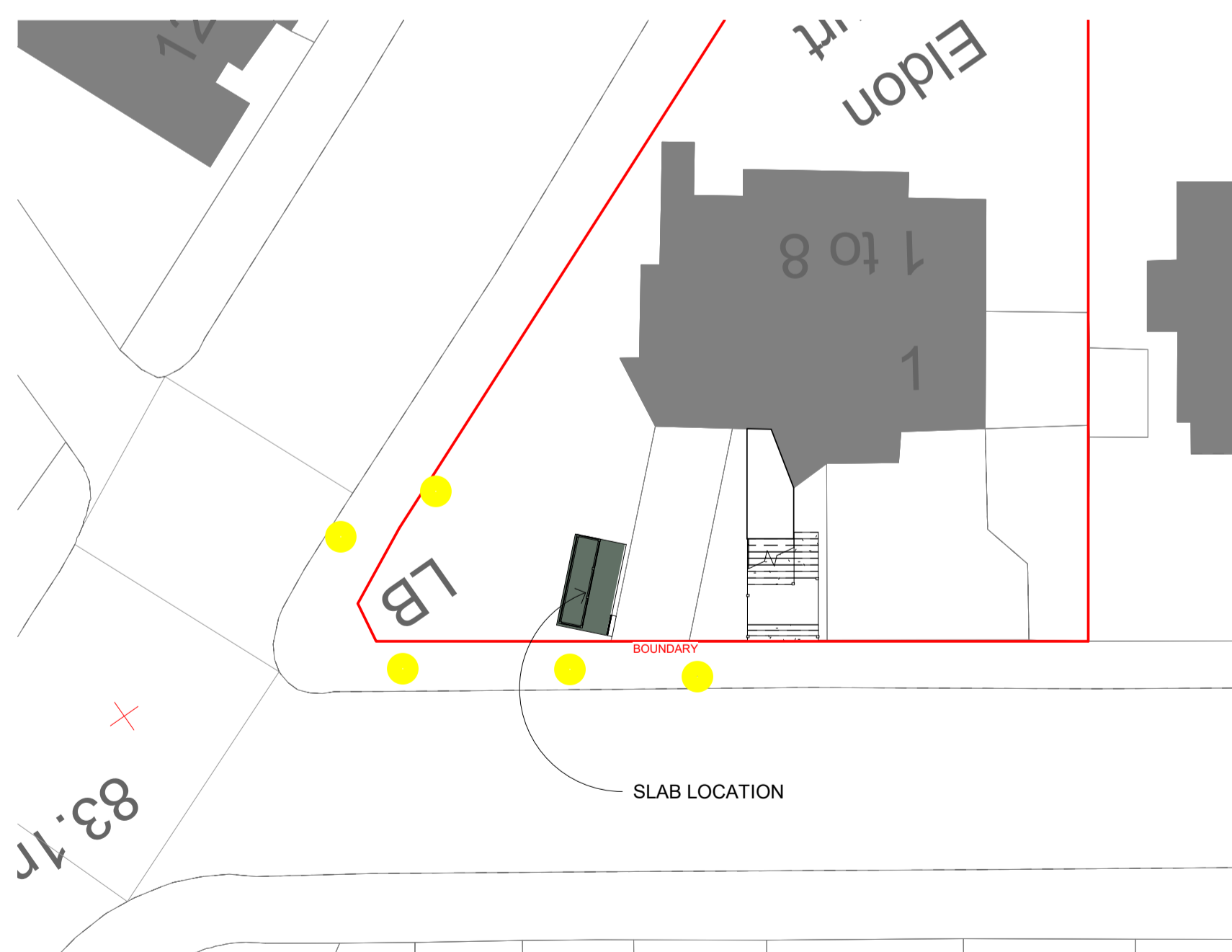
## Foundation design and method



## Method statement

1. The Base area is laid out and location agreed with the customer (as per the site plan provided). The site will not require any tree removals.
2. Areas beyond the tree canopy will be drilled using an Auger, to standard depths, which can vary depending on the make-up of the sub soil geology. The foundation requires limited depth.
3. Holes under the tree canopy will be dug by hand as to not disturb any root systems, and if necessary relocated to avoid a tap root. Holes are hand-dug to allow local manipulation on site to reflect any roots which may be uncovered. Holes will be lined with plastic to make sure no concrete mix comes in contact with any root systems.
4. We will proceed with caution while digging around any roots uncovered. We'll carefully trace any roots uncovered, using a stiff hand brush to trace their pathway. All roots >25mm in diameter will be retained. Any roots uncovered will be wrapped to ensure protection and will not be left exposed for >12 hours.
5. All holes will be tampered down giving a flat bottom so they can carry the designed load (typically 180 Kilo per Pile). The plastic protective membrane will be inserted into the holes before the concrete is poured.
6. Care is taken to avoid spillage of the Concrete Mix / Powder using protective membrane where necessary at the time of mixing. This will include mixing on a protected surface away from the site and any exposed roots. It will be a quick setting concrete which will set within 1 hour.
7. There will be continuous monitoring of the build practices to ensure trees are protected throughout. The quick duration of the build (<7 days) will limit risk timelines.

## Tools for the build



## Executive summary

1. No trees will need to be removed as a result of this build, as there are no trees on the build site.
2. There are 2 trees within falling distance so we will therefore ensure the work does not impact any underlying root systems.
3. We've included in this document details on the proposed method for building the slab.
4. The proposed method will ensure protection of the underlying roots by:
  - Limiting the depth of the foundation
  - Hand-digging holes to allow the local manipulation required to avoid impacting roots
  - Protecting any roots uncovered through the build.
  - Lining holes for the build with plastic to ensure no concrete mix comes into contact with root systems
  - Mixing the concrete away from the site / roots (and on a covered surface)
  - Establishing continuous monitoring of the build practices to ensure no trees are impacted

PROPOSED SLAB LOCATION. Dimensions are: 4.27m x 2.35m

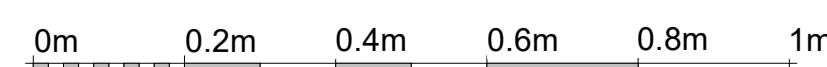
TREE LOCATED WITHIN PUBLIC PAVER NEXT TO PROPOSED SLAB LOCATION

### SITE PLAN OVERVIEW

SCALE: 1 : 250 @ A1  
1 : 500 @ A3



VISUAL SCALE 1:250 @ A1  
1:500 @ A3



VISUAL SCALE 1:10 @ A1  
1:20 @ A3

### Dimensions

Written dimensions to be taken in preferences to scaled dimensions. The Contractor is responsible for checking all dimensions before work starts.

### Local Authority

All work is to be carried out to the requirements, and to the satisfaction of the Local Authority. These drawings are for planning purposes only.



**RPR PLANNING**  
14 Townsend Lane, Kingsbury  
London, NW9 7JH  
Tel: 0203 585 4515  
Mobile: 078 9651 7854  
Web: www.rprplanning.co.uk  
Email: info@rprplanning.co.uk

A	18-04-18	New shed position.	MEC	RR
Rev	Date	Description	Made	Checked

Drawing Status: **FOR APPROVAL**

Project <b>ELDON COURT</b>		Drawing Title <b>CONSTRUCTION DETAILS</b>	
Client <b>ELDON COURT PROPERTIES LTD.</b>		Drawn/Design AS SHOWN @ A1	Date 07/03/18
Drawing No <b>A103</b>		Rev	