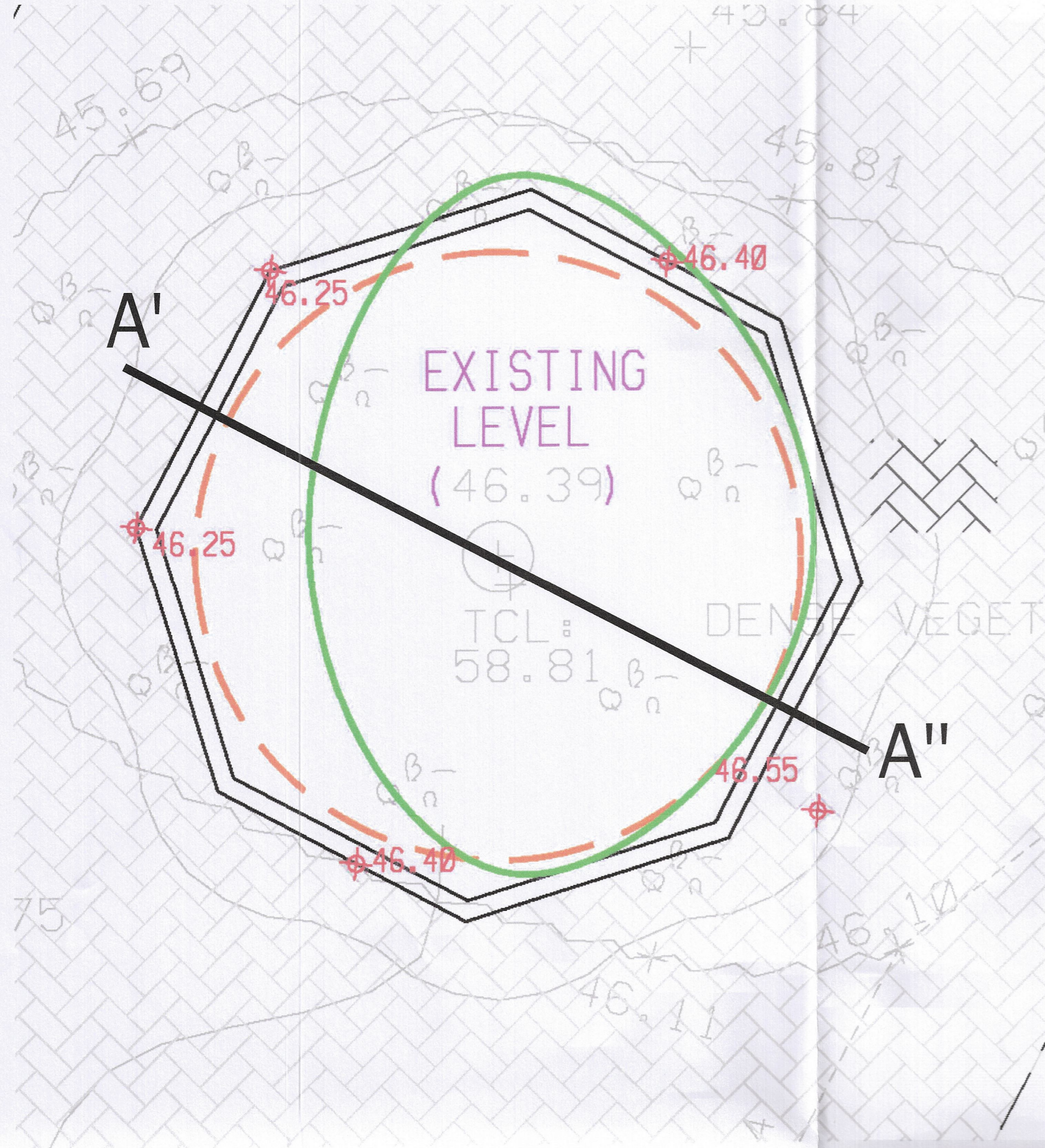


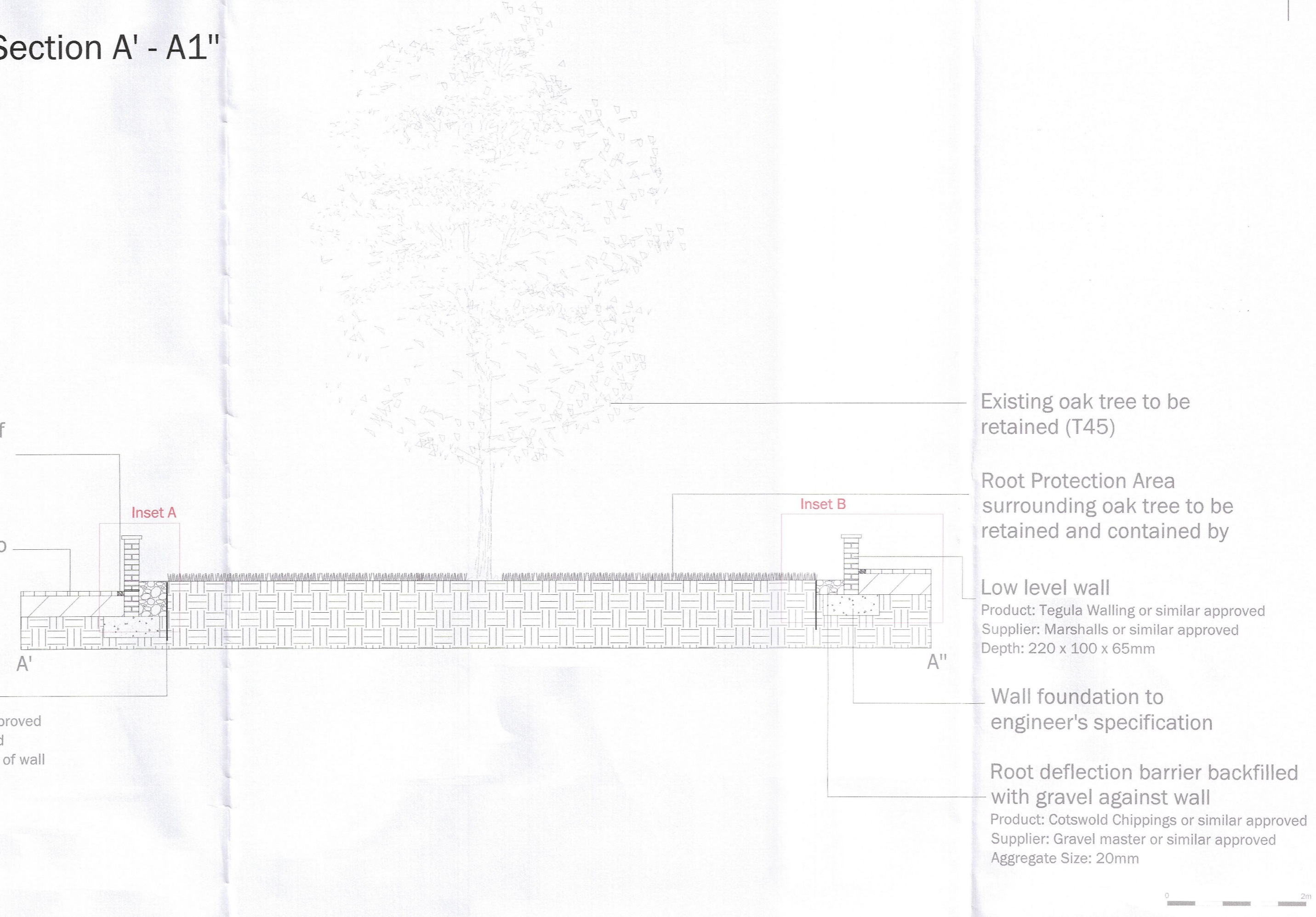
Low Wall Cross Section A' - A1'' Scale 1:50



Built in weep hole at base of exposed wall, draining into pea gravel edge

Block paving and build up to engineers specification. Design as per drawing ref 1657 - 110 - 2

Root deflection barrier
Product: Root Barrier 360 or similar approved
Supplier: Greentech or similar approved
Depth: Minimum depth to at least base of wall foundation



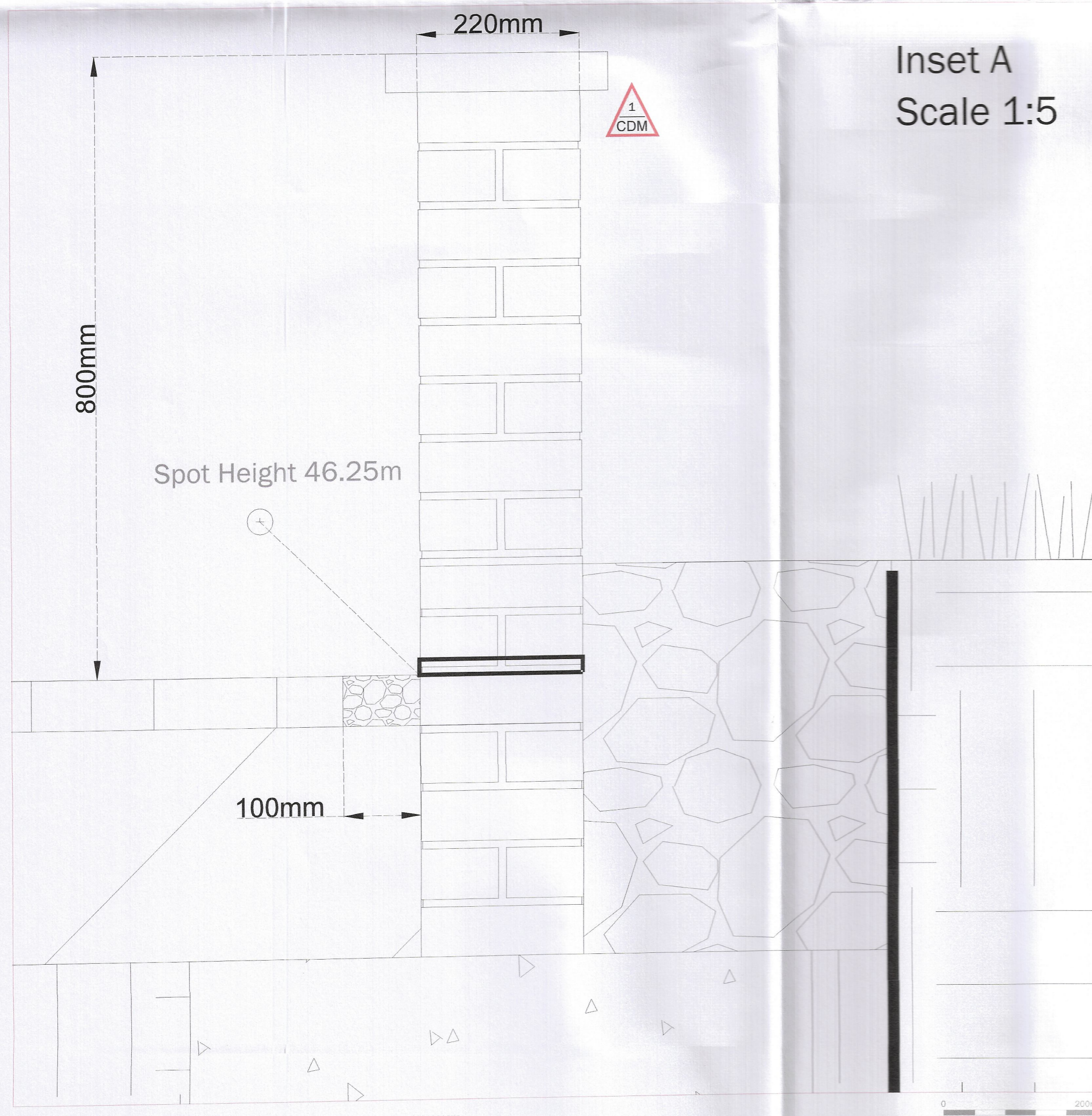
Existing oak tree to be retained (T45)

Root Protection Area surrounding oak tree to be retained and contained by

Low level wall
Product: Tegula Walling or similar approved
Supplier: Marshalls or similar approved
Depth: 220 x 100 x 65mm

Wall foundation to engineer's specification

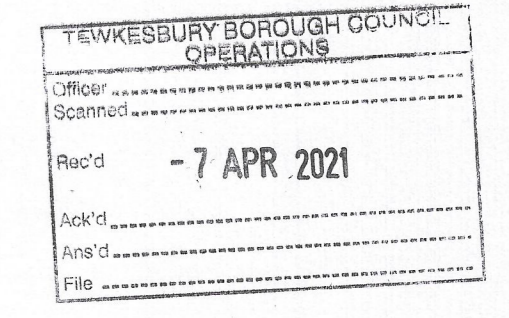
Root deflection barrier backfilled with gravel against wall
Product: Cotswold Chippings or similar approved
Supplier: Gravel Master or similar approved
Aggregate Size: 20mm



A risk assessment has been carried out on this design. Residual risks following this process are listed below. A copy of the full Design Risk Register is also available on request from EDP.

- Risks include:
- Falling and tripping over wall. This is mitigated by designing the wall tall enough to be seen and low enough to step over easily.
 - Vehicle collision with wall. This is mitigated by designing the wall tall enough to be able to ensure it is visible to nearby drivers.

For further guidance, refer to HSE Construction (Design and Management) Regulations 2015.



This drawing is to be read in conjunction with all other drawings and specifications within the package. These drawings have been prepared for design development and costing purposes only. All dimensions in millimetres unless otherwise specified. Do not scale off this drawing, within dimensions to be taken only. All base plans used are provided by the client and verified, except where otherwise expressly agreed in writing. EDP shall have no responsibility or liability for any loss (direct or consequential). This drawing must not be copied in whole or part without prior written consent from EDP.

purpose of issue **PLANNING**

Original 18-03-2021 OW
rev description date by

client **Edenstone Homes**

project title **Land at Brockworth, Gloucester**

drawing title **Retained Tree (T45) Detailed Cross Section**

date **18 MARCH 2021** drawn by **OW**
drawing number **edp4953_0006** checked **JW**
scale **Various @ A1** QA



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