

Detail 1 – 3m Acoustic Timber Fence

ACOUSTIC BARRIER FENCE

Height – 3000mm

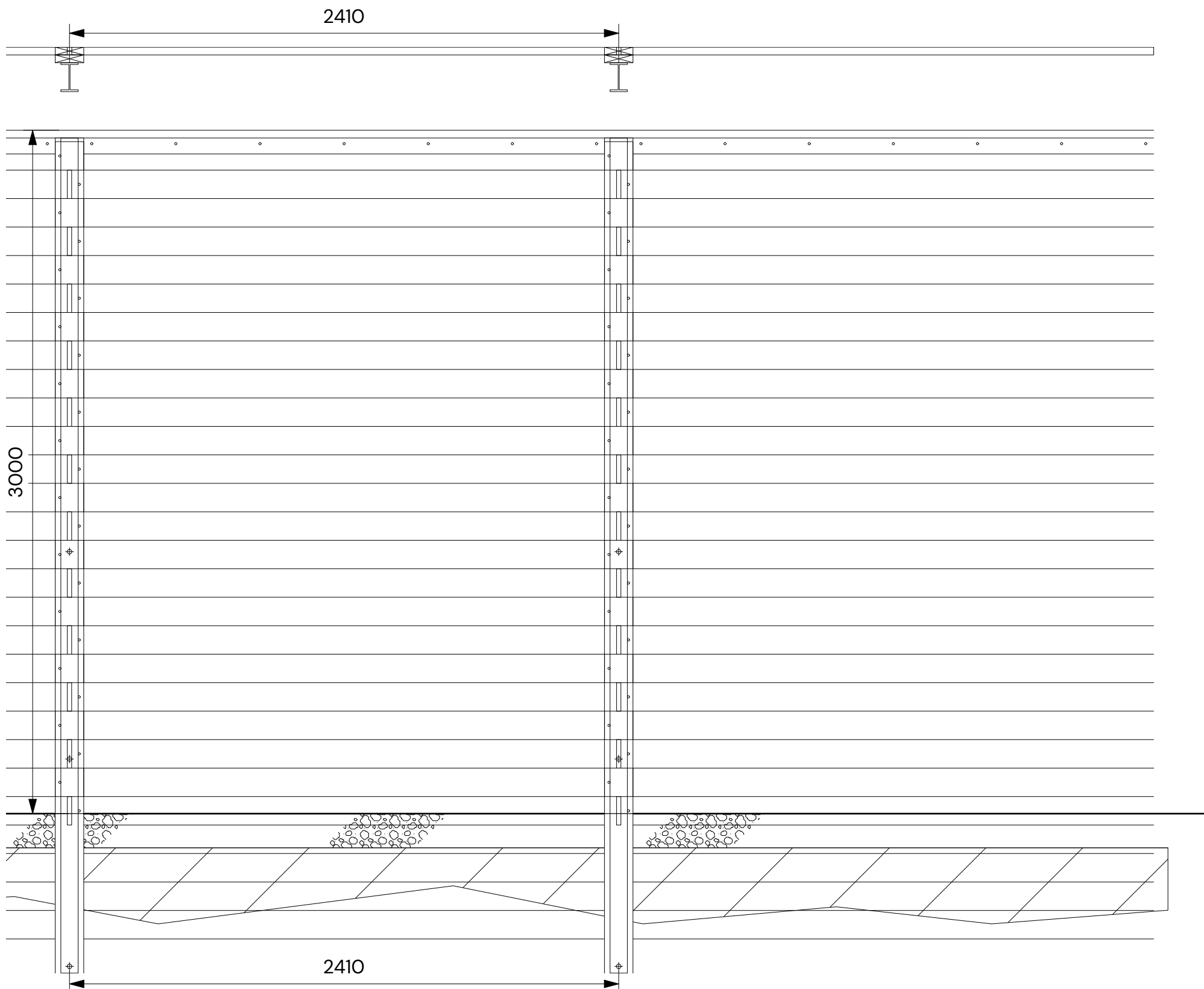
System comprises:

- 125mm boards featuring an interlocking 'vee' tongue and groove
- Fence is finished with a capping and counter rail
- Vee T&G profile has been carefully developed to locate the boards in such a way that eliminate gaps that sound will easily travel through, even when boards shrink and expand with changes in the weather.
- All timber pressure treated and covered by 25-year guarantee giving lasting protection above and below ground against all wood-boring pests and all forms of wet and dry rot.

Laboratory Results:

- Rating according to BS EN 1793 – 2:1998 Category = B3
- Laboratory sound reduction 28 dB
- Superficial mass 28kg/m²

0 1 2 M
Scale: 1/20 @ A1



Detail 2 – Typical Section through Acoustic Barrier Fence

Existing vegetation to be trimmed or pruned back to install acoustic fence. Installation of the fence will be carried out from the retail park side to minimise disturbance to vegetation.

Capping rail and counter rails at the top of the fence

Vee T&G boards

Steel spur post bolted to timber post

approx. 380mm vehicle barrier post to rear of steel post

New acoustic fence erected as close to the vehicle barrier as possible

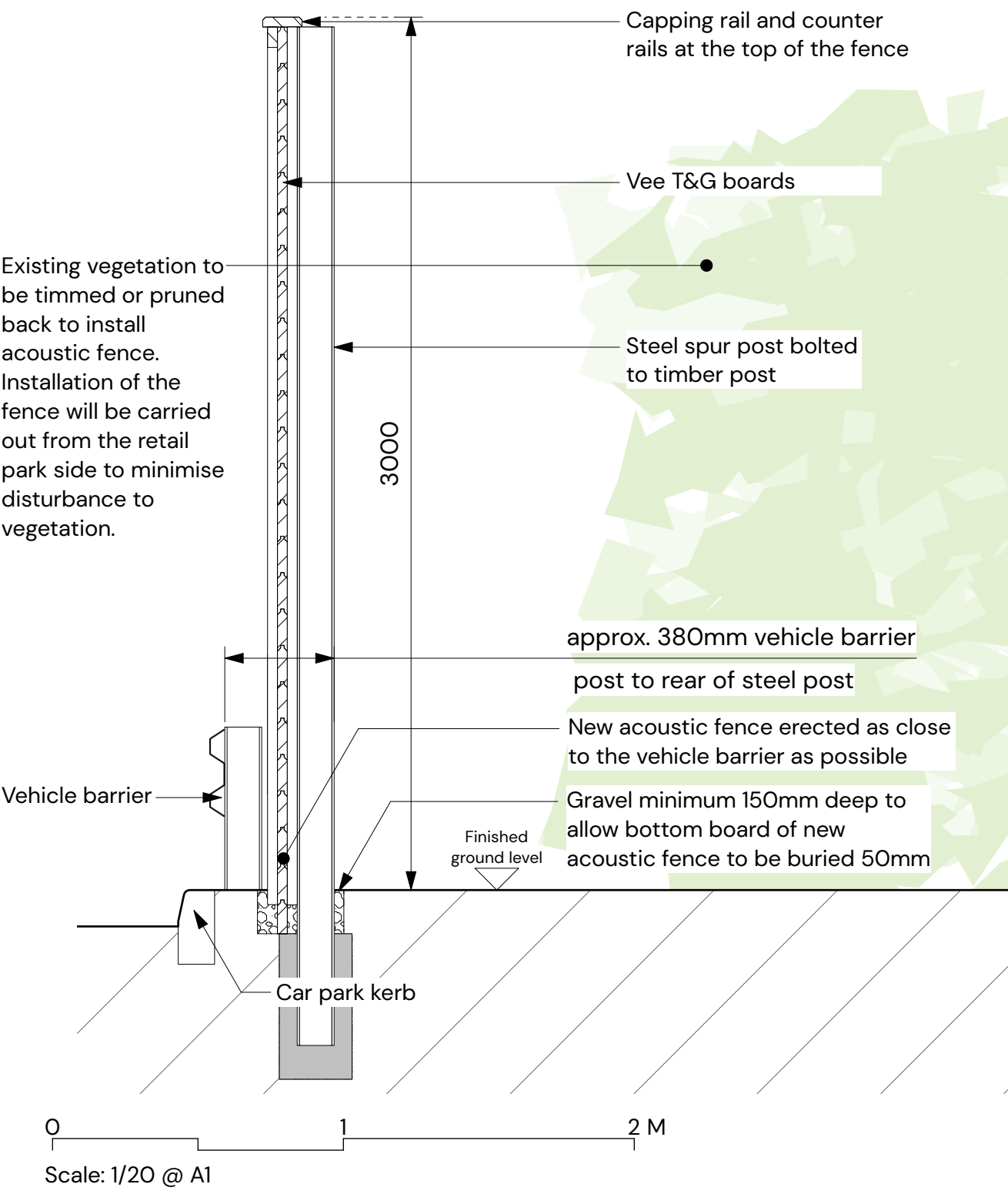
Gravel minimum 150mm deep to allow bottom board of new acoustic fence to be buried 50mm

Vehicle barrier

Finished ground level

Car park kerb

0 1 2 M
Scale: 1/20 @ A1

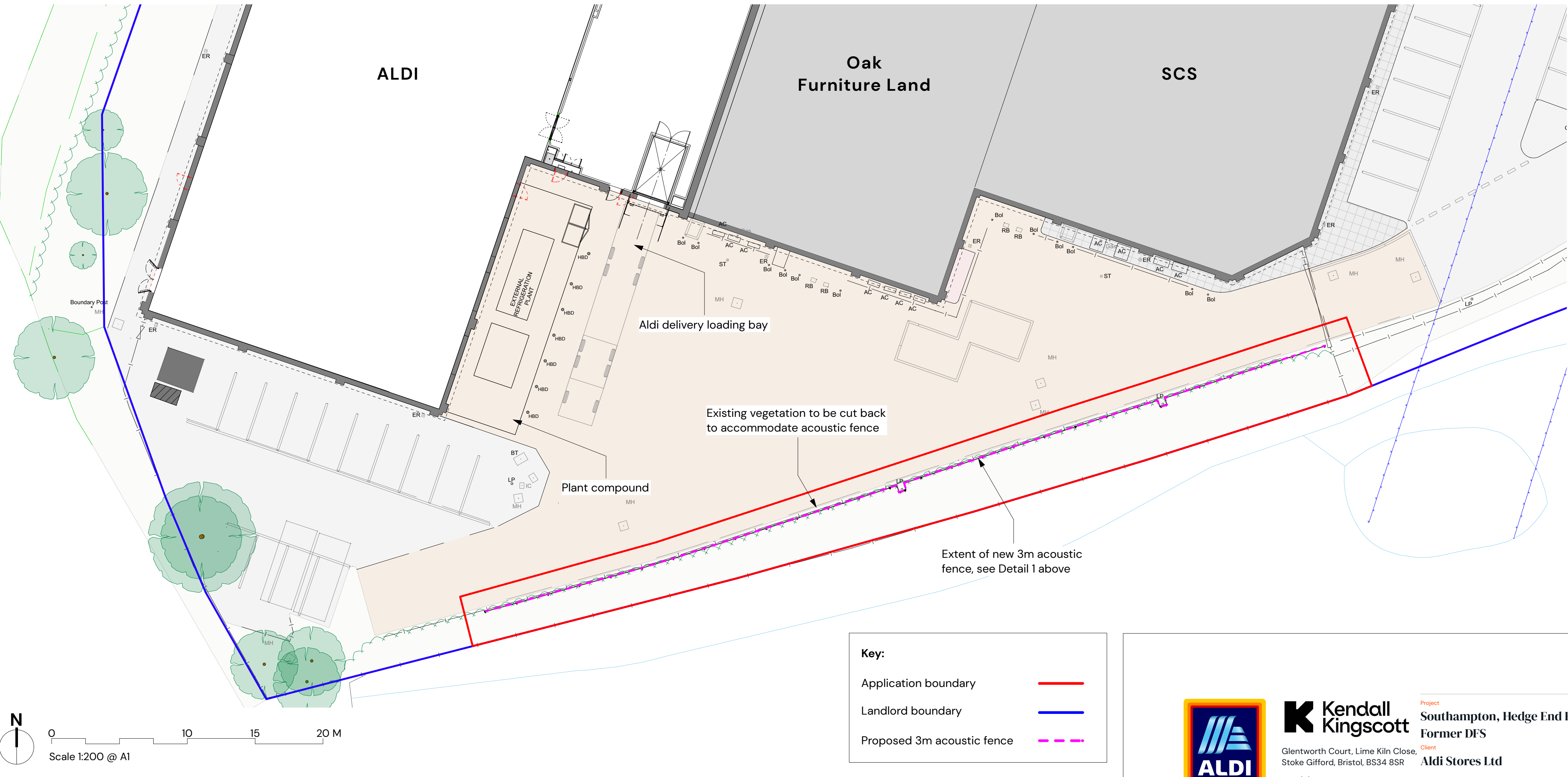


Example Photographs

Photos from a recently completed Aldi store showing the installed 3m high acoustic fence
Note that images are not to scale



Proposed Site Plan



0 10 15 20 M
Scale 1:200 @ A1



Key:

- Application boundary
- Landlord boundary
- Proposed 3m acoustic fence



Kendall Kingscott
Glentworth Court, Lime Kiln Close,
Stoke Gifford, Bristol, BS34 8SR
+44 (0)117 931 2062
www.kendallkingscott.co.uk

Project
Southampton, Hedge End Retail Park
Former DFS
Client
Aldi Stores Ltd

Date
20/08/2024
Scale
NOTED
Filename
200698 Acoustic Fence
Proposal.wx

Drawn
DG
Checked
MW
Paper Size
ISO A1

P03 12/12/2024 LI MW Section detail and site plan amended showing fence position closer to existing vehicle barrier. Trimming and pruning of vegetation note added.
P02 04/11/2024 DG MW Fence position adjusted to step around existing lamp posts
P01 21/08/2024 DG MW Drawing issue.

Rev Date By Ap Note

Drawing Title
Site Plan as Proposed
Acoustic Fence Proposal
Project Number/Drawing Number
200698-1330
Check all dimensions and levels on site

Revision
P03
© Copyright

Only to be used on the site for which designed. The electronic transmission of designs/information contained in this drawing is carried out entirely at the User's risk and Kendall Kingscott Ltd. will have no liability for any errors or inaccuracies arising therefrom. The production of amended or updated information from the said designs/information by the User is entirely the responsibility of the User and Kendall Kingscott Ltd. shall have no responsibility in respect thereof whatsoever.