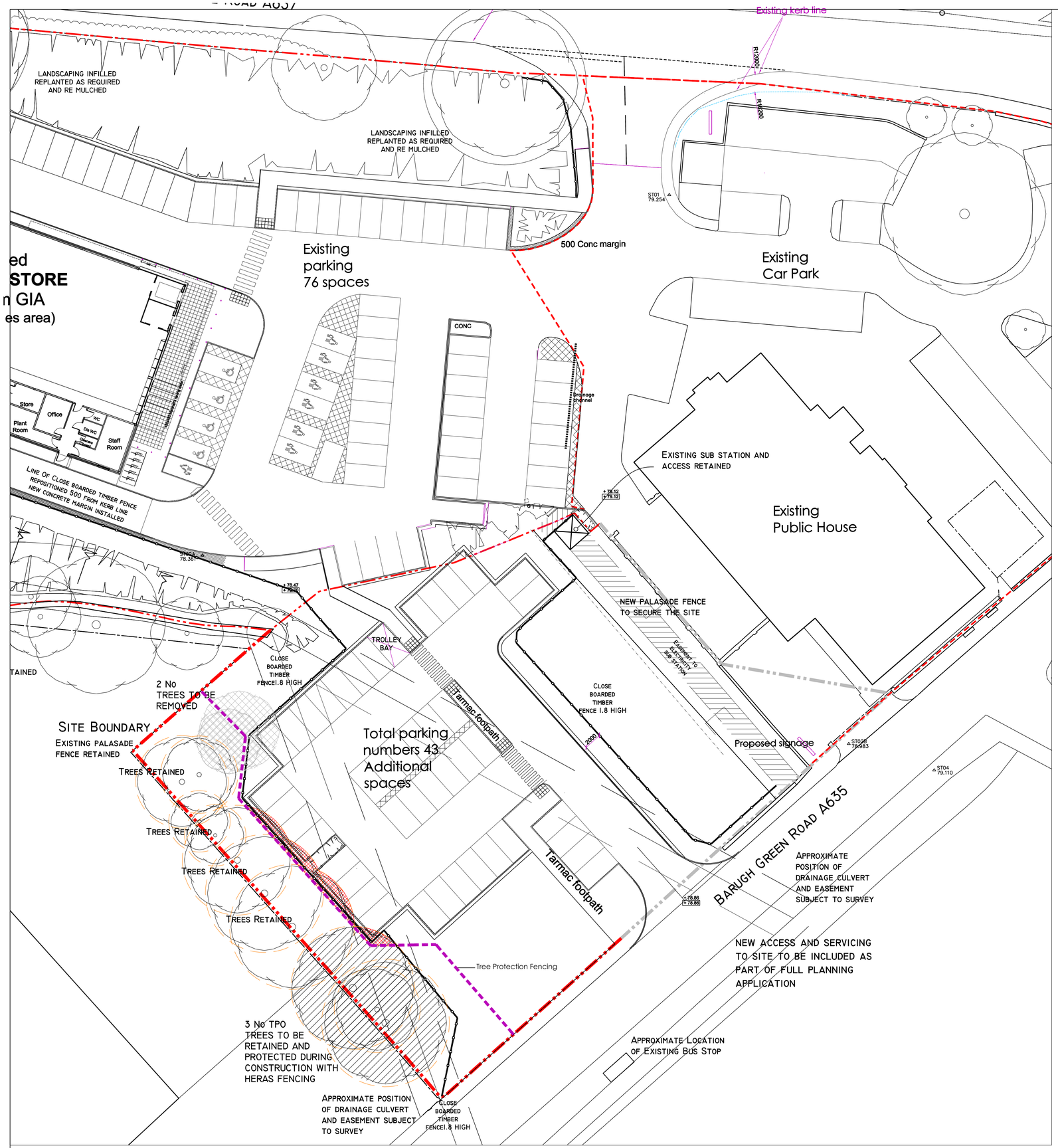
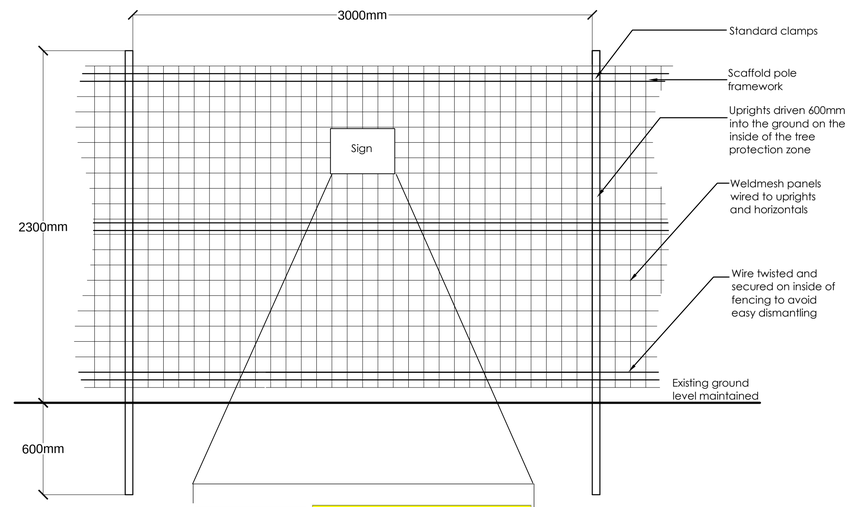
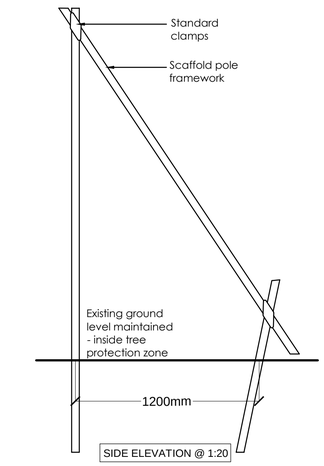




FRONT ELEVATION - TYPICAL SECTION OF TREE PROTECTION BARRIER @ 1:20

Pre-printed laminated waterproof signs A3 in size should be fixed securely to fencing panels on each enclosure at 9 metre minimum intervals.



SIDE ELEVATION @ 1:20

General Notes:

Do not scale from this drawing, always work to noted dimensions. All given dimensions in mm unless otherwise stated.

The contractor is to check all dimensions and levels on site prior to commencing any work.

Any discrepancies should be reported to the CA immediately upon discovery.

The contractor should bring to the attention of the CA the presence of any services not identified on this drawing immediately upon discovery and await further instructions prior to carrying out any further works in the vicinity.

Detail to be read in conjunction with landscape plan on Drawing No V0454 L03.

Tree Protection Notes:

- The tree protection fencing should be installed prior to the start of any development and be fit for the purpose of excluding construction activity. The fence shall be checked by the project landscape architect / arboriculturist following installation and prior to any construction commencing. Once erected the fencing must be regarded as the boundary of the site and not be crossed, removed or otherwise altered without agreement from the landscape architect / arboriculturist / local Planning authority tree officer and should remain in situ undisturbed for the duration of the development.
- The tree protection fence is to be constructed in accordance with these details and consist of a vertical and horizontal framework well braced to resist impacts with vertical supports spaced at a maximum of 3m apart. On to this, weldmesh panels should be securely fixed with wire or scaffold clamps. Weldmesh panels on rubber or concrete feet are not resistant to impact and should not be used.
- The fence should display warning signs with the wording 'Tree Protection Area – Keep Out'. No entry will be permitted within the fenced root protection area for persons or materials and the site should be organised to ensure the protected area is safe from cement washings, fuel or any other potentially toxic materials.
- The protective fencing should be routinely checked throughout the construction process and special attention paid to ensure barriers remain rigid and complete for the full duration of the period required.
- It is anticipated that there will be only be very minor any access or activity required within the Root Protection during the proposed development. If access is required into the root protection area to facilitate the development it is to be agreed and authorised by an arboriculturist / local planning authority tree officer and all operations shall be carried out in strict accordance with the Method Statement below.
- When the construction process is complete, the Local Authority Tree Officer should be informed so that he may inspect the works prior to the removal of temporary fencing. Any proposed landscaping operations by heavy machinery should be carried out before the protective fencing is removed.

ARBORICULTURAL METHOD STATEMENT

Excavation in the RPA
Any necessary excavation must be carried out using hand tools to avoid direct damage to the protective bark of tree roots. It may be possible in some instances to use specialised equipment such as high air pressure machinery to excavate the soil with minimal disturbance to roots.

Exposed roots will be wrapped in dry, clean Hessian sacking to prevent desiccation and to protect from rapid temperature changes. In warmer weather, the sacking should be kept moist by regular watering. Sacking should be removed before backfilling.

Roots less than 25mm diameter may be pruned back,preferably to a growing point. A sharp cutting tool such as bypass secateurs or a handsaw should be used to leave the smallest wound possible. Roots greater than 25mm in diameter should be retained wherever possible.

Root pruning should be carried out under the supervision of the Arboricultural Consultant or the Local Authority Tree Officer to ensure that only roots necessary to facilitate the development will be removed and the long-term well-being of retained trees is maintained.

Backfilling of any excavation should be carried out by hand to avoid direct root damage by excessive compaction and should include, where possible, the replacement of inert granular material mixed with sharp sand (not builder's sand) around retained roots.

Working in the RPA
Special care will need to be undertaken when working in the RPAs that are not protected by temporary fencing. The indicative RPA is defined on the Tree Protection Plan by dotted circles surrounding retained trees. Where necessary, temporary protective fencing will be placed in the marked positions, beyond which is a Construction Exclusion Zone (CEZ). This zone precludes all construction activity, with the sole exception of specified arboricultural works that have been agreed by all parties and under the supervision of an arboriculturist.

Levels
Changes in ground level can be harmful to trees where stripping or filling of soil is carried out in the RPA. It is therefore important that no significant changes in level occur within the RPA of retained trees.

Tree Protection Key

Existing trees for retention
To be retained and protected in accordance with BS 5837:201

Existing trees for removal

Indicative root protection area

Tree Protection Fencing
installed in accordance with BS 5837:2012

RPA not protected by fencing
(special care required)

Revisions				
15-03-16	B	Tree note amended	DW	GH
18-02-16	A	Updated to shown latest site plan	DW	GH
		Description	Drawn	Check

Project Title	Proposed Food Store Claycliffe Road Barugh Green Road Barnsley
Client	Aldi Stores Ltd
Status	PLANNING
Scale	1:250
Drawing Size	A1
Drawn By	DW
Checked By	AS
Date	03/14
Drawing Title	Tree Protection Plan
Job-Dwg No	V0454 L04
Rev	B

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CAD file reference T:\Archived Vector Projects\Aldi Projects\0454 SDAR - Barugh Green, Claycliff RD\04 Landscaping