ARBORICULTURAL METHOD STATEMENT



Sequence Of Works:

Preliminary Tree Works:

1. Remove G2.
2. Crown lift G3 to 3.5m and to provide a 1m clearance for acoutic fencing adjacent neighbouring property fence to the south.
3. All tree works are to be carried out to a minimum of the standards within BS3998: 2010 *Tree work - Recommendations* by a suitably qualified & insured tree work contractor.

Site Compound Installation:

1. Project arboriculturist to be advised of the location of the proposed site compound, including any proposed storage, materials handling areas and preliminary access routes.
2. If any of these potentially conflict with retained trees and tree exclusion zones, the project arboriculturist is to advise on works required to minimise the impact on retained trees / hedges to ensure no unnecessary damage occurs.

Erection of Tree Protection Fencing:

1. Block 'n Mesh fencing to be erected in the position denoted by the line on the drawing and to the specification shown in the legend.
2. The blocks to be pinned to the ground and the fence stabilised using diagonal braces.
3. If preferred, wooden posts can be concreted into the ground and the fence panels fixed to the posts. However, excavations for the post holes should be carried out either under arboricultural supervision to allow any exposed roots to be pruned, or the project arboriculturist to carry out an advance inspection of the line of fencing to ensure there will be no conflict with trees or their roots.
4. Signage to be fixed to the protective fencing, one per panel, informing site operatives of the importance of the fencing and the consequences of not adhering to the requirements for tree protection.

Site Setting Out:

In tandem with the erection of tree protection fencing, engineers to set out roads, sewers, driveways and plots to enable the project arboriculturist to assess the extent of works and prepare for initial excavations.

Site Remediation Works:

1. Extent of excavations to be confirmed on site with the project arboriculturist ensuring that works do not extend beyond the agreed tree protection fencing.
2. All excavations adjacent G3 to be supervised by the project arboriculturist.
3. Strictly no machines allowed within the tree protection zones; all machines must work away from the protected trees.

Installation of Sewers:

1. Prior to commencement of excavation works for the installation of sewers, the project arboriculturist is to be consulted on the full extent of works required, including the installation of domestic drainage works.
2. Working methods are to be agreed in advance, including the lines of proposed excavations, temporary storage of soil materials, handling of pipeworks, haul routes and backfilling works to ensure that these do not conflict with the tree protection requirements.

Hardstanding

1. Existing hardstanding adjacent G3 to be removed progressively and carefully away from tree stems under the supervision of the project arboriculturist. No excavations to exceed the depth of the exisiting sub-base. New surface to built from this level.

Domestic Services:

1. All service proposals to be approved by the project arboriculturist in advance.

Main Construction Phase:

1. During the main construction phase, there must be no breaching of the tree protection fencing. Any damage to the fencing must be reported to the site manager and project arboriculturist immediately and repairs effected without delay.
2. There must be no machine or pedestrian access within the fenced off areas at any time without the prior approval of the project arboriculturist.
3. There must be no storing or dumping of materials or any kind within fenced off areas, no spilling of liquids within and no lighting of fires within 10m of the outer branch spread of any retained tree.

Acoustic Fencing:

1. Construction and maintenance of acoustic fencing will require branch removal and/or minor tree removal. All work to be agreed and undertaken within the presence of the supervising Arboriculturist
2.

Landscape Works:

1. Only upon completion of all external construction works can landscaping works commence.
2. All planting proposals are to be approved by the project arboriculturist in advance to ensure no conflict with roots of retained trees.
3. Prior to the commencement of landscape works, providing that the project arboriculturist is in agreement, tree protection fencing can be removed carefully. Any posts concreted in must be lifted out vertically to avoid disruption of tree roots.

Arboricultural Site Supervision

In order to comply with relevant planning conditions, it is anticipated that supervisory visits by the project arboriculturist will be carried out during the following key operations and to sign off the following key work stages:

- **Completion of tree works & agreement of type / location of protective fencing;**
- **Sign-off of tree protection fencing installation & initial site setting out of roads / driveways;**
- **Supervision of hardstanding removal adjacent G3;**
- **Removal of protective fencing prior to landscape works;**
- **Final site sign off.**

In all other instances the project arboriculturist will be available for communication via telephone or email via the following contacts:

Stuart Randle — **stuart@landscape treesecology.com** **07434 950 406**

Helen Millner — **helen@landscapetreesecology.com** **07715 219 364**

Kevin Pope — **kevin@landscapetreesecology.com** **07885 811 389**

DO NOT SCALE

ALL COORDINATES RELATED TO LOCAL GRID LOCATED TO OS NG BY BEST FIT TO DETAIL, EXTRACTED FROM OS DIGITAL DATA.

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KEY

- **Existing tree to be retained**
- **Exisiting tree to be removed**
- **Extent of Root Protection Area for retained trees in accordance with BS5837: 2012 *Trees in relation to design, demolition and construction - Recommendations***
- **Proposed location of protective fencing - see inset for type / construction detail**

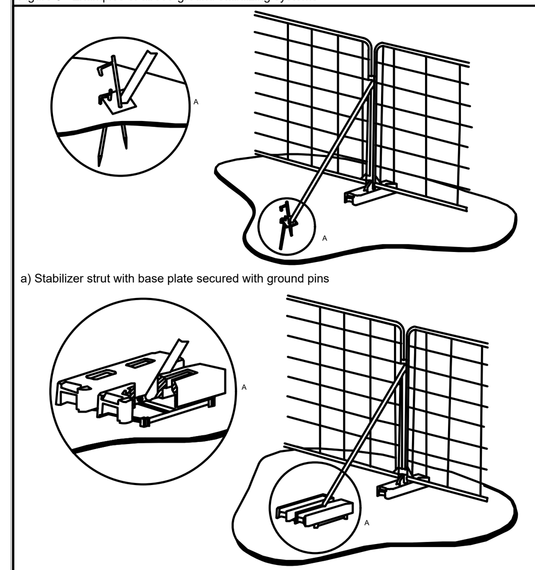
ADVISED FENCING SIGNAGE



Laminated copies of the above sign (or similar if approved by the project arboriculturist) are to be attached to the outside of the protective fencing at 4m intervals such that they are clearly visible to site personnel.

TREE PROTECTION FENCING

BS5837:2012
Figure 3 Examples of above-ground stabilizing systems



a) Stabilizer strut with base plate secured with ground pins

b) Stabilizer strut mounted on block tray

DATE:	DESCRIPTION:	REV:
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CLIENT: Derwent Industrial Estate, Liverpool

PROJECT: Huyton Industrial Estate

DRAWING TITLE: Arboricultural Method Statement

SCALE: 1:500 @ A0

DRAWN BY:	CHKD BY:	DATE:	DRAWING No:	REV
SR	CP	08/03/2023	P.1675.22.03	-

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