General Notes
Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements.
Depictions of tree canopies are based on measurements taken to four cardinal compass points.
No liability of any kind Is accepted for any omissions or inaccuracies in respect of this plan.
The original of this drawing was produced in colour; a monochrome copy should not be relied upon.

Tree Protective Fencing

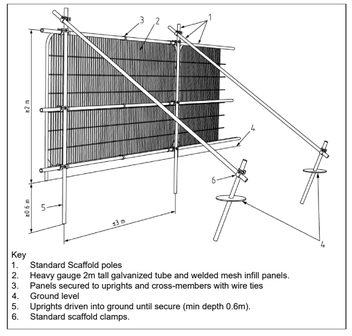
- Trees for removal to be identified from the drawing and marked by an arboriculturist.
- No vehicles to enter the grass verge or root protection zone during tree removal or fencing installation/removal.
- Fencing to be installed prior to any construction works (including demolition, materials delivery, works compound installation).
- The location of the tree protective fencing is indicative only and must not be directly measured from this plan. Its true location must be surveyed accurately on site and where applicable be measured from the tree centre by the stated dimension value.
- Fencing to remain in place until all construction works have ceased.

BS5837: 2012 Recommendations (extract)

6.2.2 - Barriers
6.2.2.1 - Barriers should be fit for the purpose of excluding construction activity and appropriate to the degree and proximity of work taking place around the retained tree(s). Barriers should be maintained to ensure that they remain rigid and complete.
6.2.2.2 - The default specification should consist of a vertical and horizontal scaffold framework, well braced to resist impacts, as illustrated in Figure 2. The vertical tubes should be spaced at a maximum interval of 3m and driven securely into the ground. Onto this framework, welded mesh panels should be securely fixed.

Default Fencing Specification

The fencing will consist of a scaffold framework supporting standard GS7/Heras styled steel security fencing panels. **The scaffolding will consist of vertical poles set no more than 3m apart onto which 3 horizontal poles are securely clamped with the whole structure braced with diagonal poles (see diagram below for layout of scaffold poles).** The Heras styled panels must be securely fixed to the scaffold structure using wire or other fixings.



Why Is Fencing Erected Around Trees?

- The major cause of damage to trees on construction sites is due to soil compaction.
- Roots use the spaces between soil particles to obtain Oxygen, Water and Nutrients.
- Heavy plant and machinery compresses (compacts) the soil, squashing out the air spaces and preventing root function.
- A compacted soil structure will stay compacted.
- Consequently the tree suffers and will show signs of branch die-back.
- Symptoms such as die-back may take several years to appear.
- Soil compaction over roots can be prevented by maintaining a fenced exclusion zone over the tree roots.
- The exclusion zone is calculated using British Standard 5837.
- Protective Fencing is installed around the calculated area.
- Protective Fencing is a condition of planning approval, if it is removed or repositioned the construction firm is in breach of a condition and may be subjected to legal action.

Key

T01	Tree or Group Reference Number
	Tree Stem Position A category Tree
	Tree Stem Position B category Tree
	Tree Stem Position C category Tree
	Tree Stem Position U category Tree
	Tree Crown
	Root Protection Area
	Tree Protective Fencing
	Ground Protection
	No dig Cellular Confinement System
CEZ	Construction Exclusion Zone

North

1:250
0 5 10m

Drawing Title:
Tree Protection Plan

Drawing No:
RNapc/525/TPP/3

Date:
20th November 2023

Scale/Sheet:
1:200 - A2

Client:
Mr M Readhead

Site/Project:
Rear of 20 Oakley Close, Holborn Southampton SO45 5PJ

Drawn By: CS
Checked By: RN

Richard Nicholson
Arboricultural Planning Consultant
14 Main Road
Tolpuddle
Dorchester DT2 7EW

T 07964865189
E apcnicholson@protonmail.com
W www.rnapc.co.uk