



- LEGEND**
- Root Protection Areas
 - Heras Fencing
 - ▨ Construction Exclusion Zone

TREE PROTECTION FENCING

This tree protection plan shows the alignment of tree protection fencing (TPF). All TPF shall be installed prior to any of the following taking place:

- Plant & material delivery
- Demolition
- Soil stripping
- Construction works
- Utility installation
- Landscaping

Once erected, all TPF shall be regarded as sacrosanct and will not be removed or altered without prior recommendation and approval by the local planning authority. The tree protection fencing shall consist of weld-mesh panels (such as 'herras' fencing), mounted on rubber/ concrete 'boots' (approx height of each panel = 2.3m), with each panel clamped/ bolted to the next. Once the exclusion zone has been protected by the barriers, construction work can commence. All weather notices may be erected on the barriers (for example see images below).

RESTRICTIONS WITHIN TREE PROTECTION AREAS

Inside the exclusion area of the fencing, the following shall apply:

- No mechanical excavation whatsoever
- No lowering of levels for any purpose (except removal of grass sward using hand tools)
- No storage of plant or materials
- No storage or handling of any chemical, including cement washings
- No vehicular access
- No fire lighting

In addition to the above, further precautions are necessary adjacent to trees:

- A 10m separation distance shall be observed between any tree and substances injurious to tree health, including fuels, oil bitumen, cement (including cement washings), builders sand, concrete mixing and other chemicals.
- No fires shall be lit such that flames come within 5m of tree foliage.

GROUND PROTECTION

In the scenario where the protective tree barriers have to be moved in order to enable construction operations to the new dwelling, then suitable ground protection will be installed to cover any section of exposed root protection area not protected by barriers. This temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soils. The ground protection might comprise one of the following:

- for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100mm depth of woodchip), laid onto a geotextile membrane.
- for pedestrian-operated plant up to a gross weight of 2t, proprietary, inter-linked ground protection boards placed on top of a compression-resistant layer (e.g. 150mm depth of woodchip), laid onto a geotextile membrane;
- for wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g. proprietary systems or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with arboricultural advice, to accommodate the likely loading to which it will be subjected.

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Proposed Single and a Half Storey Rear Extension

Tree Protection Plan

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