



**TREE TRIP PROTECTION IS NECESSARY**

1) **Soil compaction kills roots** - caused by plant movement and storage of materials within protected areas

2) **Trenching severs roots** - many small roots grow within the top 600mm of soil. Even the removal of the top 200mm can cause damage.

3) **Soil pollution kills roots** - Dripping fuel storage or cement wastings can contaminate the soil resulting in root death.

4) **Raising & lowering levels kills roots** - the soil used to increase levels can compact the underlying soil (see point 1). Lowering levels will remove roots causing damage to the tree.

5) **Bark and branch damage** - bark removal and branch damage can allow disease and fungi into the tree.

**The impact of any of the above can take years to show** - trees can have huge reserves of food and water.

**LEGEND**

**TREE PROTECTION FENCING**

All fencing shall be installed prior to any plant activity on site whatever the nature of the project arboricultural and approval of the local planning authority. The TPF shall comprise of interlocking white mesh panels (e.g. Heras), well braced and attached to scaffold pole uprights driven firmly into the ground. Should any alternative method of barrier construction be proposed, consultation with the project arboricultural will be obtained to clarify the efficacy of the proposed design prior to informing the local planning authority and obtaining their consent. Once the exclusion zone has been protected by barriers and/or ground fencing, construction work can commence. All weather notices will be erected on the barriers.

Once erected, all TPF will be regarded as sacrosanct, and will not be removed or altered without prior notification to the project arboricultural and approval of the local planning authority. The TPF shall comprise of interlocking white mesh panels (e.g. Heras), well braced and attached to scaffold pole uprights driven firmly into the ground. Should any alternative method of barrier construction be proposed, consultation with the project arboricultural will be obtained to clarify the efficacy of the proposed design prior to informing the local planning authority and obtaining their consent. Once the exclusion zone has been protected by barriers and/or ground fencing, construction work can commence. All weather notices will be erected on the barriers.

**ALTERNATIVE FENCING SPECIFICATION**

Where the site circumstances and associated risk of damaging incursion into the RPA do not necessitate the default level of protection, an alternative tree fencing specification is proposed. The fencing is used to protect areas where there is a little or no construction activity.

**TREE TO BE RETAINED**

**TREE TO BE REMOVED**

**A CATEGORY TREE**  
**B CATEGORY TREE**  
**C CATEGORY TREE**  
**U CATEGORY TREE**

**ROOT PROTECTION AREA (RPA) FOR RETAINED TREES**

**INDICATIVE FENCING TYPE AVOIDING PROTECTION AREAS**

**RESTRICTIONS WITHIN TREE PROTECTION AREAS**

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

- No mechanical excavation whatsoever
- No excavation by any other means without arboricultural site supervision
- Any ground digging shall be a written method statement having first been approved by the project arboricultural
- 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 wastings
- No vehicles access
- No fire lighting

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

- No subterranean structural or steel work in direct adjacency to the protection area of retained trees
- No chemical spillages or soil wetting onto or directly adjacent to the protection area of retained trees
- No fire lighting within 5m of trees close within 5m of tree foliage.

**PHASING & MONITORING OF DEVELOPMENT**

The arboricultural protection on the site must be carried out in the following order:

  - Tree removal and access facilitation pruning
  - Accurate erection of tree protection fencing
  - Site accessible to construction/development traffic
  - Demolition/alteration
  - Construction
  - Removal of tree protection fencing
  - Remedial tree surgery

The above phasing must not be changed without approval from the project arboricultural in agreement with the Council.

**NOTE:**  
FOR PLANNING PURPOSES ONLY  
DO NOT SCALE FROM DRAWING

0 5 10 15 20 25m

A	20/02/14	Revised layout	AJ
Rev	Date	Details	Dr

**ACD Ecology**  
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**WAINHOMES**

scheme: Land off Tregony Road, Probus, Truro

client: Wainhomes (South West) Ltd

drawing: Tree Protection Plan

date: September 2013

scale: 1:500/@A1

dwg no: WAIN1808-03A

drawn: AJB checked: SD