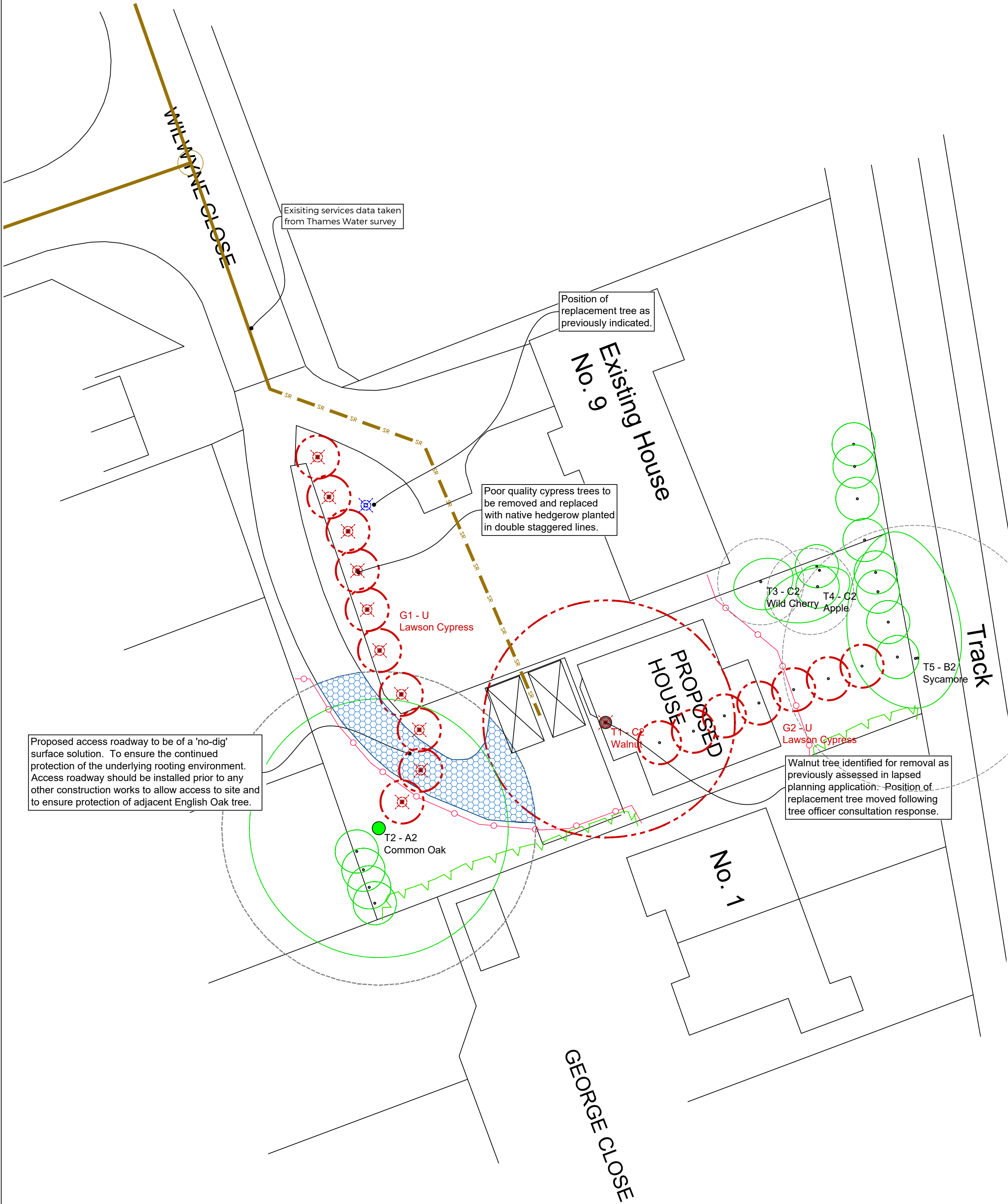
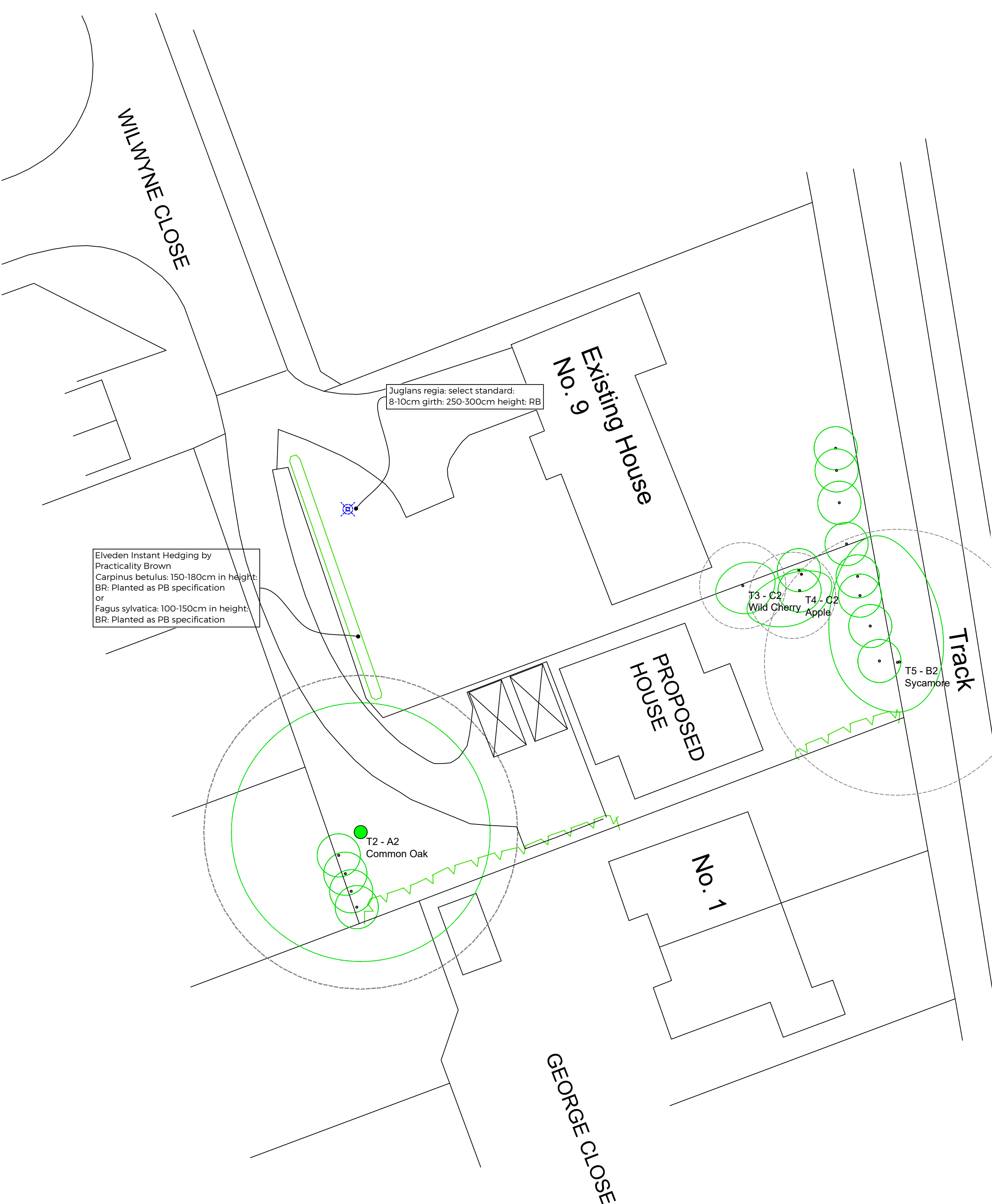


Tree Protection Plan



Landscape Plan



WHY TREE PROTECTION IS NEEDED

- 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 washings 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 & EXCLUSION ZONE

All fencing shall be installed prior to any plant activity on site whatsoever, including: demolition, utility installation, groundworks, and soil stripping

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

1: Weldmesh (e.g. Heras) Panels; 2: Concrete or rubber ground blocks
3: Scaffold pole uprights, driven firmly into ground, then secured to panel
4: Uprights driven into ground through future in ground block, then secured to panel; 5: Panels to be interlocked using scaffold clamps

NO-DIG SURFACE

Cellular confinement system (CCS) to be used to create this area of hard surface, above the existing ground level. Topsoil to be retained. Depth of CCS to be 30-35mm for pedestrian surfaces and 100-200mm for vehicular surfaces. Surface to be porous to approved details and specifications. CCS to be retained under arboricultural supervision. All specifications subject to engineering design. Cells to be filled with 20-40mm clean graded angular stone to manufacturers details and specifications

Peg and board edging
Top soil to BS3682:2007
Original ground level
Depressions and soft spots in formation to be filled with sharp sand to levels required
TreeTex T300 non-woven geotextile or similar approved laid over formator

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 SERVICE ROUTE 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
- No hand digging without a written method statement having first been approved by the project arboriculturist
- 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:

- No standing adjacent to tree health, including fuels, oil, bitumen, cement (including cement washings), builders sand, concrete mixing and other chemicals shall be stored or used within or directly adjacent to the protection areas of retained trees
- No fire shall be lit such that flames come within 5m of tree foliage

NOTE:
FOR PLANNING PURPOSES ONLY
DO NOT SCALE FROM DRAWING

0 1 2 3 4 5 10m

Rev	Date	Details	Drawn

ACD ENVIRONMENTAL

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Cavesham
client: Mr. Stuart Keeble
drawing: Tree Protection Plan
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