

LEGEND

TREE PROTECTION FENCING

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 permanent and will not be removed or altered without prior recommendation by the project arboriculturist and approval of the local planning authority. The TPF shall consist of interlocking white mesh panels (e.g. Herculite) well secured by attachment to scaffold pole uprights driven firmly into the ground. Should any alternative method of fence 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 White mesh (e.g. Herculite) Panels
2 Scaffold pole uprights driven firmly into ground, then secured to panels with wire ties
3 Panels to be interlocked using clamps

GROUND PROTECTION ADJACENT TO PROPOSED BUILDINGS

The area of ground within the RPA of the adjacent retained tree. Ground protection must be installed according to the following specifications:

GROUND PROTECTION WITHIN ROOT PROTECTION AREAS

Foot traffic: Protective fencing
Softfalling: Platform level of full brickwork
Protective fencing
Protected area
Ground undisturbed and protected by additional level of scaffold boards mounted 150mm above ground level
For pedestrian movements the installation of ground protection as shown will suffice.
For further details see BS5837:2012 Section 8

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 50-75mm for pedestrian surfaces and 100-200 for vehicular surfaces. Surface to be proven to approved details and specifications. To be installed under arboriculturist supervision. All specifications subject to engineering design.
Cells to be filled with 20-40mm clean graded angular stone to manufacturers details and specifications
TreeTex T300 geotextile or similar laid over CellWeb
Peg and board edging
Top soil to BS5832:2007
Original ground level below
Depressions and soft spots in formation to be filled with sharp sand to levels required
CCS cellular confinement system (Geocynetics Cellweb or similar approved) to be used

TREE TO BE RETAINED

TREE TO BE REMOVED

TREE CANOPY TO BE REDUCED

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

ROOT PROTECTION AREA (RPA) FOR RETAINED TREES

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 arboriculturist 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
- No site lighting
- No site precautions are necessary adjacent to trees
- No substances harmful to tree health, including fuels, oil, salt, 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

PHASING OF DEVELOPMENT

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

- Tree removal and access facilitation pruning
- Accurate location of tree protection fencing
- Site accessible to construction/demolition traffic
- Demolition/demolition
- Construction
- Removal of tree protection fencing
- Removal tree surgery

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

