



Indicative  
only

#### Tree Categories

Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

Category 'U' - Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.

Category 'A' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.

Category 'B' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

Category 'C' - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

#### Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category 'A' and 'B' trees. This is a minimum area in m<sup>2</sup> which should be left undisturbed around each retained tree.

The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations'.

The calculated RPA is capped to 707m<sup>2</sup>, which is the equivalent to a circle with a radius of 15m. Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

#### Tree Survey Report

Please refer to Arbtch Consulting Ltd. Tree Survey Report and Tree Schedule for full details on all surveyed trees, hedgerows and major shrub groups.

All trees were surveyed and categorised in accordance with the guidance as set out in the British Standard BS5837:2012 'Tree in relation to design, demolition and construction - Recommendations'.

#### Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	0
Groups / Hedgerows to be removed (partial removal of groups)	0 (0)
Trees with proposed excavations into RPAs	0
Groups / Hedgerows with proposed excavations into RPAs	0
Trees that will require pruning	0
Groups / Hedgerows that will require pruning	0
Trees to be transplanted	0
Groups / Hedgerows to be transplanted	0

#### Utility Apparatus

**Underground utility apparatus**

Mechanical trenching for the installation of underground apparatus and drainage sewers any roots present and can change the local hydrology in a way that adversely affects the health of the tree. For this reason, particular care should be taken in the root and methods of installation of all underground apparatus. Wherever possible, apparatus should be routed outside of RPAs. Where this is not possible, it is preferable to keep apparatus together in common ducts. All inspection chambers should be sited outside of the RPAs.

Where underground apparatus is to pass within the RPAs, detailed plans showing the proposed route should be drawn up in conjunction with the project arboriculturist. In such cases trenchless insertion methods should be used with entry and retrieval pits being located outside of the RPAs. If this option is not feasible and providing roots can be retained and protected excavations should be undertaken using hand held tools (air-spade, forks, shovels) or a combination of trenchless and manual excavation (broken trench).

Any design and installation should be undertaken in accordance with the National Joint Utilities Guidelines (NJUG).

**Above-ground utility apparatus**

Above-ground apparatus (including CCTV cameras and lighting) should be sited to avoid the need for detrimental tree pruning, as such the current and future crown size of the tree should be assessed.

Tree branches can be pruned back with care to provide space, though it is not appropriate for repetitive and significant tree work to be an initial design solution unless this is a suitable management outcome for the tree. Any pruning should be undertaken in accordance with BS5837:2012.

#### Arboricultural Method Statement

All tree work must be undertaken in accordance with British Standards. Please refer to the Tree Schedule, Arboricultural Method Statement & Tree Protection Plan, for full details of all surveyed trees and how the development may be implemented without detriment to retained trees.

Rev: -- Date: --/--/-- Notes: N/A



Unit 3, Well House Barns, Chester, CH4 0DH  
https://arbtch.co.uk, 01544 661172

Project:

62 Station Road,  
Hayes  
London,  
UB4 3DF

Client:

Sandep Grewal

Drawing:

Arboricultural Impact Assessment

Based on:

2330-p1-01

Drawing No:

Arbtch AIA 01

Rev:

--

Date:

July 2024

Scale:

1:100 @ A0

Drawn:

PDG

Key:

Existing Site Layout:	Proposed Site Layout:	Tree Numbers:	T01
Trunks:	Tree Canopies:	RPAs:	
Category 'U' Trees:	Category 'C' Groups:		

All dimensions should be checked on site. No dimensions are to be taken from this drawing. Please refer to the appropriate local authority planning and/or other relevant documents for full details of the proposed development and any other relevant information. This drawing is designed to reflect the principles of the layout or design only, and relates only to the information provided herein. It is not to be used as a basis for any other design or construction. No liability is accepted for any errors or omissions. The drawing is the property of Arbtch Consulting Ltd. and should not be reproduced without written permission. The drawing was produced in colour - reproductions may not be used as a replacement for the original.

Arbtch Consulting Ltd. 2024

