

1a Doughty Mews, London WC1

Proposed Tree - 2nd floor terrace

Tree planting:

The proposed building will incorporate a single specimen tree to be planted to the side of the 2nd floor terrace on the Roger Street side.

In order to ensure its successful establishment and long term health, the building has been designed to incorporate a generous triangular trough, with a 1470 mm. width and minimum depth of 1500 mm.

The pit itself will incorporate a 200mm deep drainage layer at its base of Leca or similar granular, lightweight material which will be lined with a filter membrane ('Terram' or similar) to prevent clogging and ensure free drainage through several outlets adequately sized and spaced to be connected to the main building's drainage system.

The remaining 1.3 m. of the pit's depth will be backfilled with a lightweight soil/ compost mix enriched with fertilisers and a water retaining agent.

The tree will, of course, be secured at planting time to the trough's structure to ensure stability during its establishment.

It is, furthermore, proposed that a fully automated irrigation system shall be added to the tree planting trough to facilitate and encourage successful growth.

Selection:

The capacity to thrive in the exposed conditions and with the limited amount of free draining soil found on a 2nd floor terrace will be the main considerations to be taken into account with regard to the selection a suitable tree.

Nevertheless, due to its visual impact on both the surrounding terrace as well as the building as a whole, the final choice will need to be to some extent specimen led.

In view of this, it is envisaged at this stage that the tree planted at 1A Doughty Mews will be one of the following:

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Strawberry Tree - *Arbutus unedo* or *Arbutus x andrachnoides*

Native to the south of Europe and west coast of Ireland, Strawberry trees naturally grow on exposed sites and in shallow soil.

Developing as a large shrub or multistemmed tree, it does well in London. Its growth habit and beautiful bark provide a sculptural counterpoint to the building and its evergreen foliage ensures year round screening and privacy.



Serviceberry**Amelanchier x lamarckii**
multistemmed specimen

Amelanchiers do well in exposed sites. As a multistemmed specimen they develop into a beautiful shape adding interest through the season with their white spring blossom and good autumn colour.



Hawthorn.

***Crataegus* spp.**

A U.K. native, Hawthorn would add character as well as fulfil the growing requirements found on the site. Spring blossom and autumn berries and colour would add interest through the seasons.



Judas tree

Cercis siliquastrum
multistemmed specimen

A small to medium, sculptural tree with vivid pink blossom, bright green foliage and interesting seed pods later in the year.



Prunus spp.

Ornamental Cherry
multistemmed specimen

A multistemmed specimen of a good, ornamental Cherry would again do well in the conditions found on site as well as provide spectacular Spring flowering and Autumn colour.

