

Arboricultural method statement

Client: Tim Greenhalgh
Location: 3 Bramshill Gardens NW5 1JJ
Date: 12/01/17

Design Process

3rdSpace have been design to touch the earth lightly. Constructed from a lightweight timber frame the building sits on a grid of individual concrete footings 300mm cubed. The building is prefabricated and installed in approximately 3-5 days depending on the size.



fig1: 3rdSpace of same size for illustrative purposes only

Existing Tree

The existing tree is a Silver Birch of approximately 5.5m high with a stem of 300 mm.

Pre-development tree work

It is not foreseen that any lopping of the tree will be required.

Hard surfacing

No new hard surfacing is proposed.

Excavations

The building requires minimal footings. In this case the majority of the footings will make use of the existing concrete slab towards the rear of the garden.

Five new concrete footings are proposed along the front of the building. The footings will be 300sq and 300mm deep and will be hand dug. The footings will be poured to finish level with the existing ground level.

During excavations care will be taken to avoid any roots. If roots are found, the excavation will be moved to avoid the roots.

Plastic levelling supports will be placed on the concrete footings. A treated timber beam will span across the footings spreading the load evenly and allowing a cantilever, if the footings have to be located differently to the proposed drawing to avoid roots.

Construction Method

The building is completely prefabricated off-site in a workshop and fixed together on site over the course of 3 days. No wet trades or cutting will happen on the site. See photos of the process in in fig2 on next page.

The panels will be carried by hand from the lorry through the house, one at a time in the order that they are required for the installation. No panels will be stored on the site within the the root protection zone.

Temporary ground protection.

The footings will be hand dug. As such no ground protection is required during this stage or during the installation.

Barriers

Due to the restricted size of the garden and the short duration of the works it is impractical to erect a protective barrier across the root protection zone. The tree stem will be protected to avoid accidental damage.

Contractor Details

Sawhorse-ltd

contact:

Paul Grindley

Telephone:

07711482943

Email:

Paul @3rdspace.co.uk



fig2: 3rdSpace under construction