

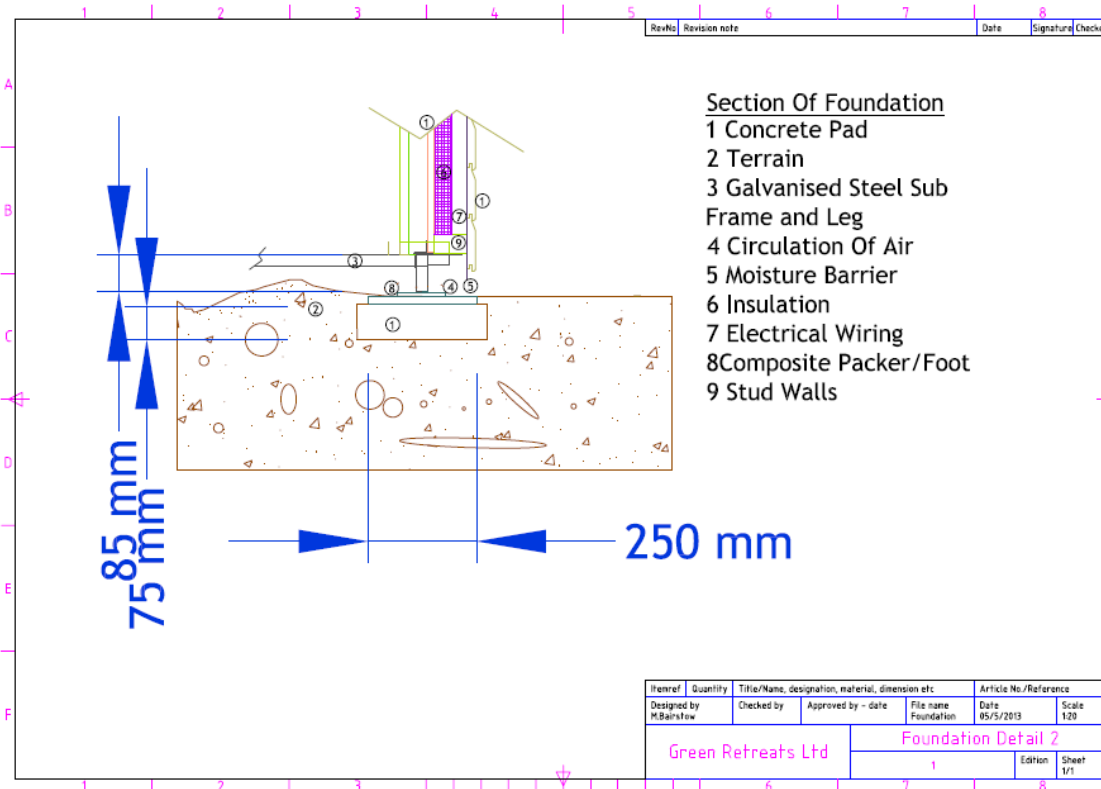
Executive summary

- Mr & Mrs Scott have appointed Green Retreat Ltd. to build a garden room on their property
- The Green Retreat studios are prefabricated panel structures assembled by hand and have an installation time of 2-7 days
- No trees will need to be removed as a result of this build, as there are no trees on the build site
- There are 4 trees within falling distance so we will therefore ensure the build does not impact any underlying root systems
- We've included in this document details on the proposed method for building the foundation (see next page)
- The proposed method will ensure protection of the underlying roots by:
 - Limiting the depth of the foundation
 - Hand-digging holes to allow the local manipulation required to avoid impacting roots
 - Protecting any roots uncovered through the build
 - Lining holes for the build with plastic to ensure no concrete mix comes into contact with root systems
 - Mixing the concrete away from the site / roots (and on a covered surface)
 - Establishing continuous monitoring of the build practices to ensure no trees are impacted
- We have submitted further build details, including site plan and material details, to the local council for review and approval

The build approach ensures underlying roots are not impacted

Foundation design and method

Foundation design



Method statement

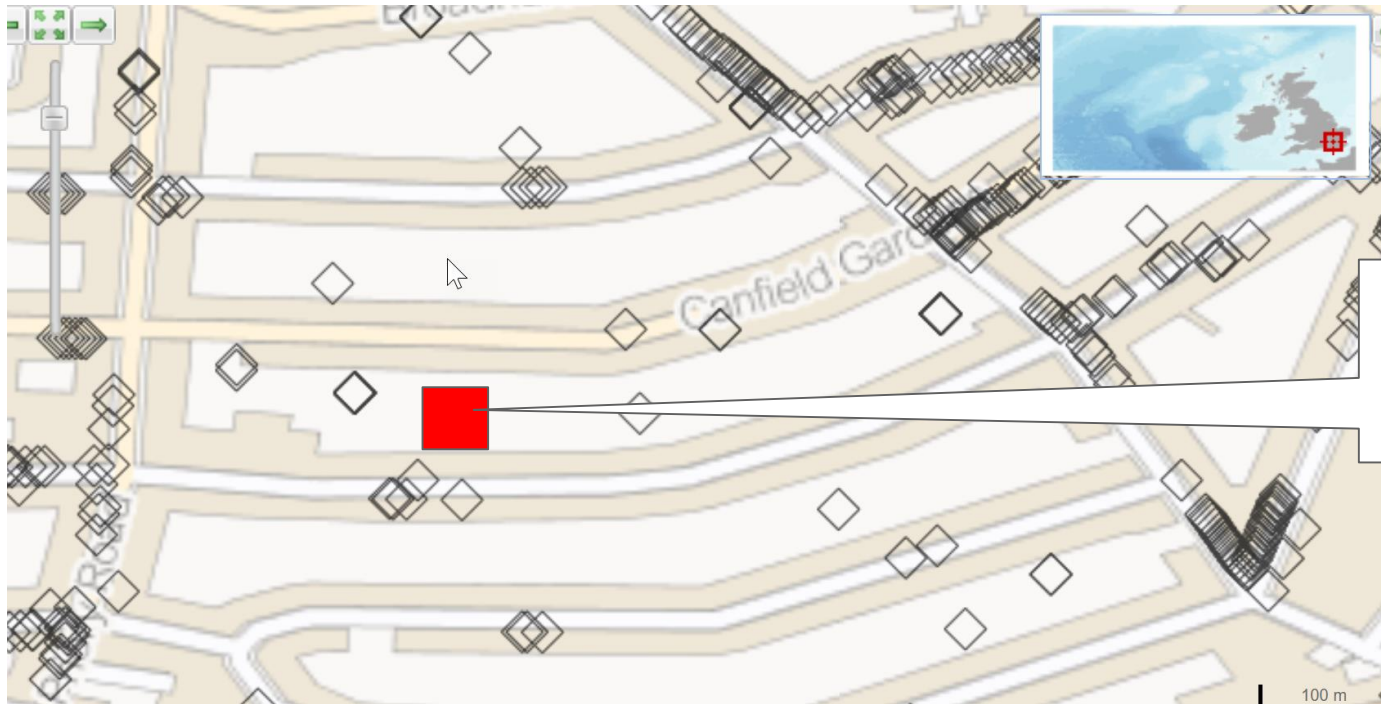
1. The Base area is laid out and location agreed with the customer (as per the site plan provided). The site will not require any tree removals.
2. Areas beyond the tree canopy will be drilled using an Auger, to standard depths (see image on left), which can vary depending on the make-up of the sub soil geology. The foundation requires limited depth.
3. Holes under the tree canopy will be dug by hand as to not disturb any root systems, and if necessary relocated to avoid a tap root. Holes are hand-dug to allow local manipulation on site to reflect any roots which may be uncovered. Holes will be lined with plastic to make sure no concrete mix comes in contact with any root systems.
4. We will proceed with caution while digging around any roots uncovered. We'll carefully trace any roots uncovered, using a stiff hand brush to trace their pathway. All roots >25mm in diameter will be retained. Any roots uncovered will be wrapped to ensure protection and will not be left exposed for >12 hours.
5. All holes will be tampered down giving a flat bottom so they can carry the designed load (typically 180 Kilo per Pile). The plastic protective membrane will be inserted into the holes before the concrete is poured.
6. Care is taken to avoid spillage of the Concrete Mix / Powder using protective membrane where necessary at the time of mixing. This will include mixing on a protected surface away from the site and any exposed roots. It will be a quick setting concrete which will set within 1 hour.
7. The Insulated Flooring Panels are then laid onto the concrete pile system. Electric wiring is completed and connections to the power source will not impact root systems.
8. There will be continuous monitoring of the build practices to ensure trees are protected throughout. The quick duration of the build (<7 days) will limit risk timelines.

Tools for the build



There do not appear to be any TPO protected trees impacted by our build

TPO Order Mapping: Source: <https://data.gov.uk/dataset/tree-preservation-order1>



There do not appear to be any TPO orders in our property which would be impacted.

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Home / Datasets / Tree Preservation Order

Tree Preservation Order

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Provider: London Borough of Camden
Responsible Party: London Borough of Camden (publisher)

This data is from data.gov.uk as provided by the London Borough of Camden.

There are four trees located within falling distance of the property

Block plan overview

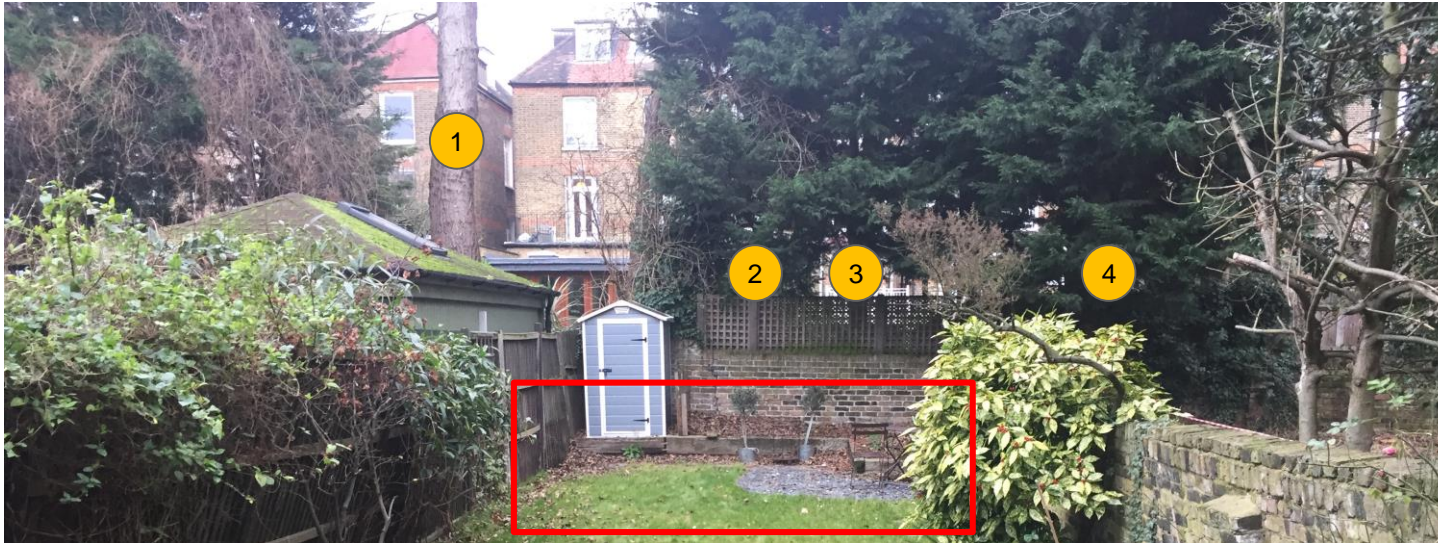


Legend & Description

- Plot Location:**
 - The garden dimensions are approximately: 21m (Length) x 5m (width)
- Tree Location:**
 - 4 trees located within adjacent properties within 'falling' distance of the structure
- Structure Location:**
 - Proposed structure location
 - Dimensions are 4.7m (width) x 5.3m (depth) x 2.5 (height)
 - The structure will be build within 40 cm from the side boundaries and between 40 – 500 cm from the back boundary

No trees will be removed for this build

Proposed Green Retreat garden studio build site



Tree locations:

- No trees will need to be removed to construct the property
- There are 4 trees within falling distance of the proposed build site
- We will ensure any roots under the build site are protected from impact (see previous pages)
- The build will not impact light exposure to these trees as the room will be a single story

 **Proposed building location**