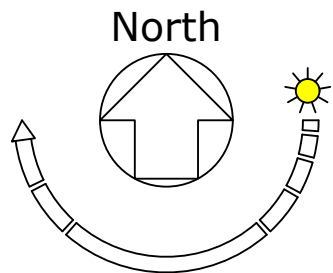


General Notes
Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements.
Depictions of tree canopies are based on measurements taken to four cardinal compass points.
No liability of any kind is accepted for any omissions or inaccuracies in respect of this plan.
The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
All rights reserved.



1:300
0 5 10 15m

ORANGE DASH LINE INDICATES APPROXIMATE LOCATION OF Foul WATER DRAINAGE (SUBJECT TO FULL DRAINAGE SURVEY TO BE CARRIED OUT BY DEVELOPER)

BLUE DASH LINE INDICATES APPROXIMATE LOCATION OF SURFACE WATER DRAINAGE (SUBJECT TO FULL DRAINAGE SURVEY BEING CARRIED OUT BY DEVELOPER)

Garage

El Sub Sta

Tank

The Westleigh (PH)

Tree Protection Plan

Key

- T01 Tree or Group Reference Number
- Tree Stem Position A category Tree
- Tree Stem Position B category Tree
- Tree Stem Position C category Tree
- Tree Stem Position U category Tree
- Tree Crown (and optional direction arrow of first significant branch)
- Root Protection Area
- Tree protective Fencing
- Area of minimal-dig surfacing

Tree Protective Fencing

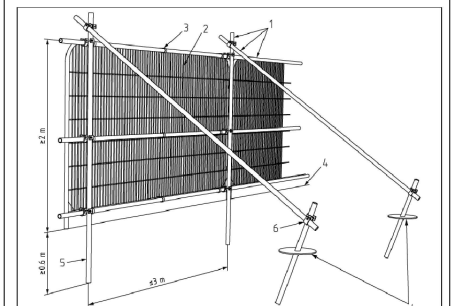
- Trees for removal to be identified from the drawing and marked by an arboriculturist.
- No vehicles to enter the grass verge or root protection zone during tree removal or fencing installation/removal.
- Fencing to be installed prior to any construction works (including foundation or pile driving works commencing installation).
- The location of the tree protective fencing is indicative only and must be directly measured from this plan. Its location must be surveyed accurately on site and where applicable be measured from the tree centre by the stated dimension value.
- Fencing to remain in place until all construction works have ceased.

BS5837: 2012 Recommendations (extract)

- 6.2.2.1 - Barriers should be fit for the purpose of excluding construction activity and appropriate to the degree and priority of work taking place around the retained tree(s). Barriers should be maintained to ensure that they remain tight and complete.
- 6.2.2.2 - The default specification should consist of a vertical and horizontal scaffold framework, well braced to resist impacts, as illustrated in Figure 6. The vertical frame should be secured as a maximum interval of 3m and driven securely into the ground. On this framework, weighted mesh panels should be securely fixed.

Default Fencing Specification

The fencing will consist of a scaffold framework supporting standard GS7/Heraux styled steel security fencing panels. The scaffolding will consist of vertical poles set no more than 3m apart onto which 3 horizontal poles are securely clamped with the whole structure braced with diagonal poles (see diagram below for layout of scaffold poles). The Heraux styled panels must be securely fixed to the scaffold structure using wires or other fixings.



- Key
- Standard scaffold poles
 - Heraux panel 2m tall galvanneal tube and welded mesh side panels
 - Diagonal bracing poles and cross-braces with wire ties
 - Ground level
 - Longitudinal pole ground wall secure (min depth 0.6m)
 - Standard scaffold clamps

Why is Fencing Erected Around Trees?

- The major cause of damage to trees on construction sites is due to soil compaction.
- Roots use the spaces between soil particles to obtain Oxygen, Water and Nutrients.
- Heavy plant and machinery compress (compact) the soil, squeezing out the air spaces and preventing root function.
- A compacted soil structure will stay compact.
- Consequently the tree suffers and will show signs of branch die-back.
- Symptoms such as die-back may take several years to appear.
- Soil compaction over roots can be prevented by maintaining a fenced exclusion zone over the tree roots.
- The exclusion zone is calculated using British Standard BS5837.
- Protective Fencing is a condition of planning approval, if it is removed or repositioned the construction firm is in breach of a condition and may be subjected to legal action.

Tree Protection Plan

Drawing Ref: RNapc/020/TCR/TPP/v4

Date: 1st July 2020

Scale: 1:300 - A1

Client: Fortitudo Ltd

Site Address: Former TP site, Bartons Road Havant PO9.

Revision: Date: Details:

Drawn By: CS Checked By: RN

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