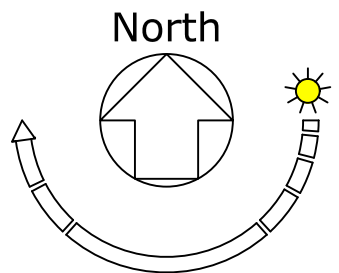


General Notes
Do not scale off drawing - refer to the tree data schedule for accurate crown spread measurements.
Depictions of tree canopies are based on measurements taken to four cardinal compass points.
No liability of any kind is accepted for any omissions or inaccuracies in respect of this plan.
The original of this drawing was produced in colour - a monochrome copy should not be relied upon.
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1:300
0 5 10 15m

LAND FOR FUTURE DEVELOPMENT

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)

INDICATIVE SPRINKLER SYSTEM TANK FOR BLOCK A

INDICATIVE SPRINKLER SYSTEM TANK FOR BLOCK B

INDICATIVE SPRINKLER SYSTEM TANK FOR BLOCK C

El Sub Sta

Tank

The Westleigh (PH)

Garage

EMERGENCY CYCLE ACCESS RESTRICTED BY USE OF LOCKABLE COLLAPSIBLE BOLLARDS.

2M WIDE PEDESTRIAN ACCESS RESTRICTED BY USE OF LOCKABLE COLLAPSIBLE BOLLARDS.

Tree Protective Fencing

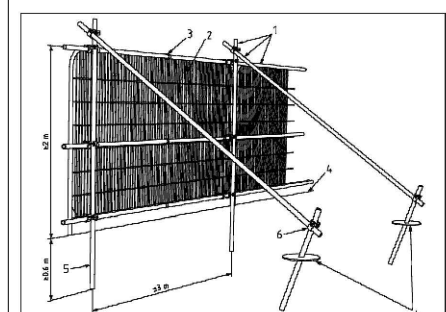
- Trees for removal to be identified from the drawing and marked by an arboriculturist.
- No vehicles to enter the grass verge or root protection zone during tree removal or fencing installation/removal.
- Fencing to be installed prior to any construction works (including foundation, install scaffolding, works around installation).
- The location of the tree protective fencing is indicative only and must not be directly measured from this plan. The location must be surveyed accurately on site and where applicable be measured from the tree centre by the stated dimension values.
- Fencing to remain in place until all construction works have ceased.

BSS837: 2012 Recommendations (extract)

- 6.2.2.1 - Barriers
6.2.2.1.1 - 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 trees. Barriers should be maintained to ensure that they remain tight and compliant.
- 6.2.2.2 - Scaffolding
6.2.2.2.1 - The default specification should consist of a vertical and horizontal scaffold framework, well braced to resist impact, as illustrated in Figure 2. The vertical frame should be secured as a maximum interval of 5m and driven securely into the ground. Once this framework, welded mesh panels should be securely fixed.

Default Fencing Specification

The fencing will consist of a scaffold framework supporting standard G57Herae steel safety fencing panels. The scaffolding will consist of vertical poles set no more than 3m apart with 3 horizontal poles are securely clamped with the whole structure braced with diagonal poles (see diagram below for layout of scaffold poles). The Herae steel panels must be securely fixed to the scaffold structure using wire or other fixings.



Why is Fencing Erected Around Trees?

- The major cause of damage to trees on construction sites is due to soil compaction.
- Root use the spaces between soil particles to obtain Oxygen, Water and Nutrients.
- Heavy plant and machinery compresses (compacts) the soil, squeezing out the air spaces and preventing root function.
- A compacted soil structure will stay compacted.
- Consequently the tree suffers and will show signs of branch dieback.
- 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 installed around the calculated area.
- 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.

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
- Root Protection Area
- Tree protective Fencing
- No dig Cellular Confinement System.

Drawing Title: Tree Constraints and Tree Protection Plan

RN\ncp/315/TCP/TPP/1

Date: 22nd August 2022

Scale: 1:300 - A1

Client: Fortitude Ltd

Site Address: Former TP site Barton's Road Havant PO9.

Revision: Date: Details:

Drawn By: CS Checked By: RN

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