Tree Protection Key:

- Existing Trees to be Retained and Tree Survey reference
- Trees to be removed
- Site Boundary Security Fence
- Tree Protection Fencing - see Notes
- Root Protection Area (Construction Exclusion Zone)

Introduction

This Method Statement provides guidance on the physical protection and appropriate precautionary measures required in order to reduce any significant or detrimental impact on the health or amenity value of the retained trees.
All tree protection measures are in accordance with British Standard 5837:2012, Trees in Relation to Construction'.
In order for the tree protection measures to work effectively, all parties involved in the construction process must be familiar with this document and the principles contained herein. A copy of this document must be retained on site at all times.

Method Statement

The methodology of these proposals follow a logical sequence of events. It is important that this sequence is followed as variations could significantly threaten the effectiveness of the tree protection measures.
It is proposed to implement tree protection through the construction process as follows:

Stage 1 Pre-Contract Meeting
Stage 2 Execute Agreed Tree Works
Stage 3 Erection of Protective Fencing & Ground Protection
Stage 4 Construction works to buildings and main hard landscape and highway works
Stage 5 Removal of protective fencing
Stage 6 Completion of any landscape works and fencing within root protection areas

Pre-Contract Meeting

The developer shall familiarise the contractor with this document and the tree protection measures. All works within root protection areas will be discussed. The contractor will be responsible for ensuring all site staff receive adequate instruction in tree protection measures.

Tree Surgery

Any tree works to be carried out must be agreed with the LPA in advance of works. The contractor should get confirmation of this from the developer.
All tree works are to be carried out in accordance with BS3998 Recommendations for Tree Work and current good arboricultural practice by a competent, experienced tree surgeon.

Tree/Hedge Fencing & Ground Protection

All debris should be cleared from the tree protection areas, prior to protection measures being implemented.
Following the completion of any approved pre-construction tree works fencing is to be installed to protect trees and hedges for the duration of the construction works.
Fencing should consist of a scaffold framework in accordance with Figure 1., comprising a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at maximum 3m centres. Onto this weldmesh panels should be securely fixed with wire and scaffold clamps. Weldmesh panels fixed onto blocks are not resistant to impact and should not be used.
The position of fencing is shown on adjacent plan. The fenceline has been designed to include all of the Root Protection Areas as defined by the tree survey and BS5837.
Ground protection should be provided where it is necessary to work and provide access within root protection areas. Areas requiring ground protection are shown on the adjacent plan. Protection should consist of a combination of barriers and ground protection boards. For pedestrian movements within the RPA the installation of ground protection in the form of a single thickness of scaffold boards on top of a compressible layer laid onto a geotextile or supported by scaffold may be acceptable.
Tree & ground protection to be monitored by the developer during construction.
The local planning authority is to be informed at the following stages: 1. When tree protection measures are in place, and 2. Following the completion of construction work prior to removal of protection.

Storage and Site Facilities

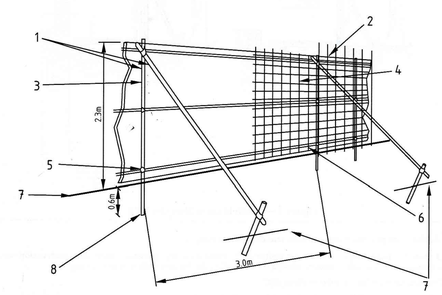
All materials for construction purposes should be carefully stored outside the RPA's and outside the construction exclusion zone.

Landscaping Works

All landscaping will avoid soil re-grading and disturbance within RPA's where possible. If cultivation of soil and minor changes in level are required these should not exceed 50mm depth and must at all times be by hand. All landscape works should be carried out as the last phase of development. Any imported top soil should be general purpose grade.

Fencing Removal

Fencing should only be removed when all other site works are complete and the local planning authority has given approval. Soil levels must not be changed after protective fencing is removed.



1 Standard scaffold poles
2 Uprights to be driven into the ground
3 Panels secured to uprights with wire ties and where necessary standard scaffold clamps
4 Weldmesh wired to the uprights and horizontals
5 Standard clamps
6 Wire twisted and secured on inside face of fencing to avoid easy dismantling
7 Ground level
8 Approx. 0.6 m driven into the ground

Figure 1 - Tree Protection Fencing

1 Standard scaffold poles
2 Heavy guage 2m tall welded mesh panels
3 Panels secured to uprights and cross members with wire ties
4 Ground level
5 Uprights driven into ground (min. 600mm)
6 Standard scaffold clamps

PLEASE NOTE: THIS PLAN SHOWS ALL TREES TO BE RETAINED (AND PROTECTED) WITHIN THE APPLICATION BOUNDARY.

DRAWING BASED ON TREE SURVEY BY IAIN TAVENDALE, REVISED 11 OCTOBER 2012

FW Public Sewer with 3m Easement

PHASE 2

PHASE 2

Allotment Gardens

Allotment Gardens

Allotment Gardens

Noroyds

TIPSEY COURT

EASTFIELD CRESCENT

WAKEFIELD ROAD

NORTH

1:500 SCALE

10m 50m

jrp ARCHITECTURE | PLANNING | LANDSCAPE

CLIENT: NETHERTON HOMES

PROJECT: LAND WEST OF WAKEFIELD ROAD, MAPPLEWELL

DRAWING: TREE PROTECTION PLAN (PHASES 1 & 2)

DRAWING NUMBER: P14:4905:117

SCALE @ A0: 1:500

DRAWN: LB DATE: AUG 19

CHECKED: LM DATE: AUG 19

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