

External Hard Landscaping Planning Application

Tree Protection Plan

840_TPP/01/ 3rd June 2020

1.0 INTRODUCTION

This report has been prepared by T A Greig Architects and Consulting Engineers in support of a planning application for the replacement of existing hard surfaces at 66 Redington Road, London, NW3 7RS.

It covers the measures that should be put in place, prior to commencement of the works, to protect the existing trees around the property during the works. It should be read together with:

Landmark Trees Reports:

Arboricultural Impacts Assessment Plan - August 2019 and Tree Constraints Plan - August 2019

T A Greig Drawings and Reports:

840_(PL)09A Site Plan - Existing 28.02.2020 and 840_(PL)25 Site Plan - Proposed 28.02.2020

Arboricultural Method Statement AMS/01 2nd April 2020.

This report has been prepared in accordance with Fig.1 of BS 5837:2012 "Trees in relation to design, demolition and construction - Recommendations"; specifically Clauses 5.2 Constraints posed by existing trees; Cl 5.5 Tree protection plan; Cl 6.2 Barriers and Cl 7.4 Permanent hard surfacing within the RPA.

2.0 PROPOSED WORKS

The proposals involve the replacement of existing asphalt finished parking areas and pathways with new materials (natural stone and quarry tile) that are more appropriate to the age and quality of the property. Apart from regularising the edges of pathways there will be no change to the extent of the existing hard surfaces.

2.1 Root Protection Areas:

The RPAs have been established by Landmark Trees on the Tree Constraints Plan and have been transposed onto the attached Tree Protection Measures Plan (PL)40. Work is proposed within two Root Protection Areas:

T6 - Beech tree - this area has been covered in the previously approved Arboricultural Method Statement AMS/01 issued to cover the reconstruction works of the side extension.

T7 and T8 - Magnolia trees - the RPA's for these two trees underlay the existing path that is to be resurfaced.

Other RPA's are adjacent to, but outside of, the construction area. They will be fenced off to ensure that the natural ground is not impacted by the works.

2.2 Construction activity within the RPA's:

In all areas, apart from the front parking area, the proposals involve the manual removal of 60mm thickness of asphalt and replacement, on new bedding, with quarry tiles.

The works to the front parking area will involve the replacement of 60mm of asphalt and 150mm of sub-base with new compacted DTp1 granular sub-base finished with granite cobbles. This work will be carried out by mini-digger but does not interact with any of the trees or RPA's.

2.3 Ground protection within the RPA's:

Construction exclusion zones will be formed around all areas of natural ground. These are shown on the attached drawing (PL)40. No activity or storage will be permitted in these zones.

The existing paths date from at least the 1950's and so will have been in place and in use for over sixty years. Whilst the surfaces will be carefully removed manually, the sub-bases will be retained. These will maintain protection of the natural ground and roots below. New bedding will be laid on top of the existing sub-base. Mechanical compaction will not be required as the ground in these areas has already been suitably stabilised by the number of years in use as pathways.

As recommended in Clause 7.2.1 BS 5837, existing ground levels will be retained as existing.

Should any roots be encountered after the removal of the existing asphalt, they will be treated in accordance with Clause 7.2 BS 5837.

Due to the restricted location of the work neither vehicles, nor wheeled mechanical equipment will be physically able to access the construction area.

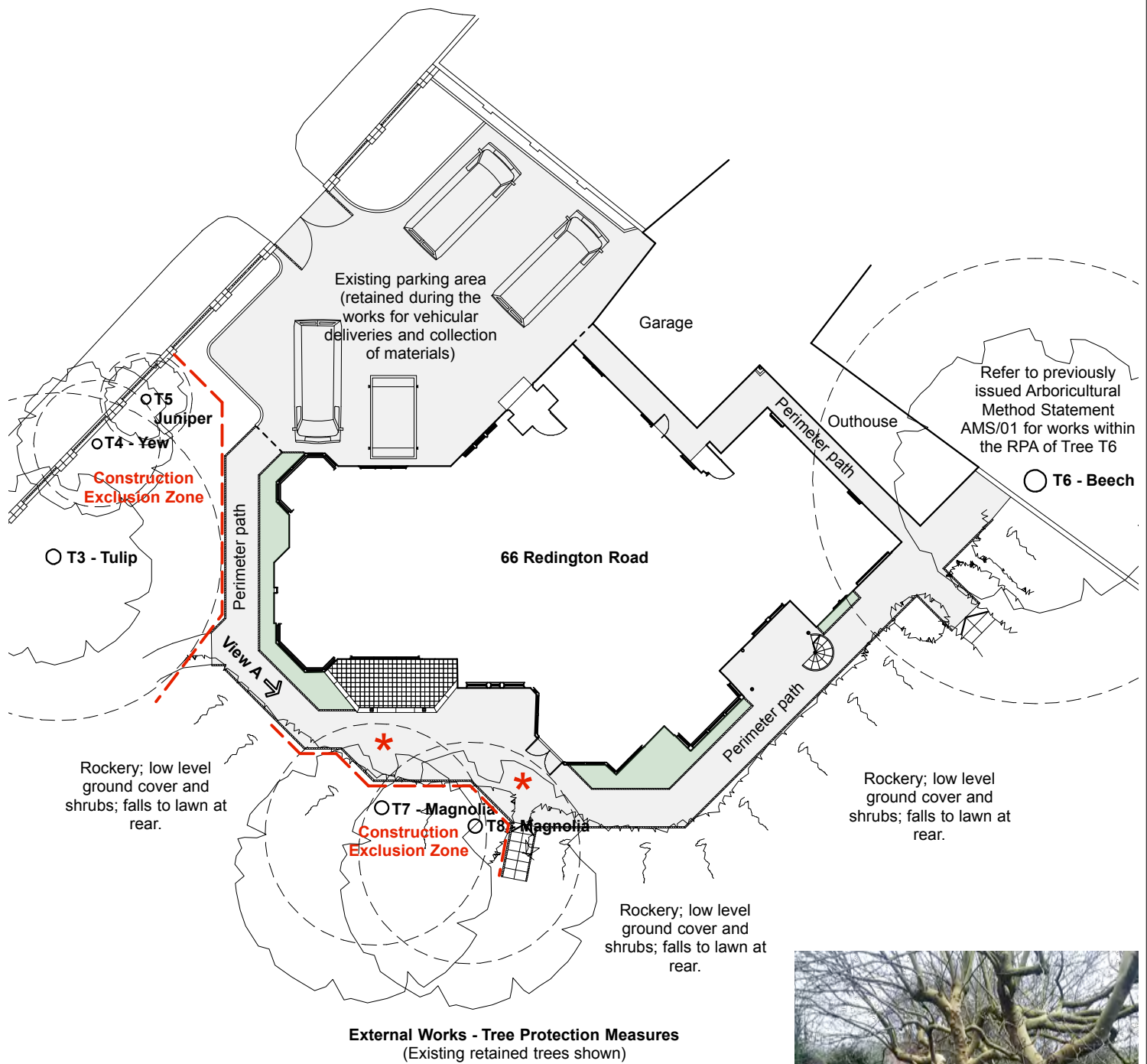
All other work will be carried in accordance with the recommendations within other sections of the BS.

2.4 Contact details during the works:

This report has been prepared by a Chartered Structural Engineer at T A Greig Ltd, responsible for the design of the new hard landscape surfaces; contactable at office@tagreig.co.uk.





The works on site will be supervised by the Main Contractor, T K Construction; contactable at t.kconstruction@hotmail.com

Specialist Arboricultural advice throughout the works is being provided by Landmark Trees; contactable at info@landmarktrees.co.uk.



External Works - Tree Protection Measures
(Existing retained trees shown)

This drawing is to be read together with Landmark Trees 'Tree Constraints Plan' August 2019 and T A Greig Tree Protection Plan TPP/01.

-  Indicates extent of existing asphalt surfaces to be replaced.
-  Indicates root protection areas of existing trees.
-  Indicates extent of Heras fencing to form construction exclusion zones during the works.
-  Areas of work to take place within RPA of magnolia trees. Hand tools and manual working only - all in accordance with BS5837:2012 "Trees in relation to design, demolition and construction - Recommendations"; specifically Clauses 7.2, 7.3 and 7.4.

0m 2.5m 5.0m 7.5m 10.0m 1:250

Heras fencing -
to create
exclusion zone.

Path - to be
resurfaced; surface
finish to be
removed; sub-base
to be retained and
locally relevelled as
required to create
consistent fall
towards bedding.



View A - Magnolia trees T7 and T8

Project Number
840

Client
TK Construction

Description
External Works

Location
The Wabe, 66 Redington Road,
London, NW3 7RS

- Rev 03.05.2020 Planning Application
Date Description

Drawing Title
EXTERNAL WORKS
TREE PROTECTION MEASURES

Drawn AB **Checked** AG **Approved** -
Date 03.05.20 **Scale** 1:250@A4 **Status** Planning

Drawing Number 840_(PL)40 **Revision** -

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