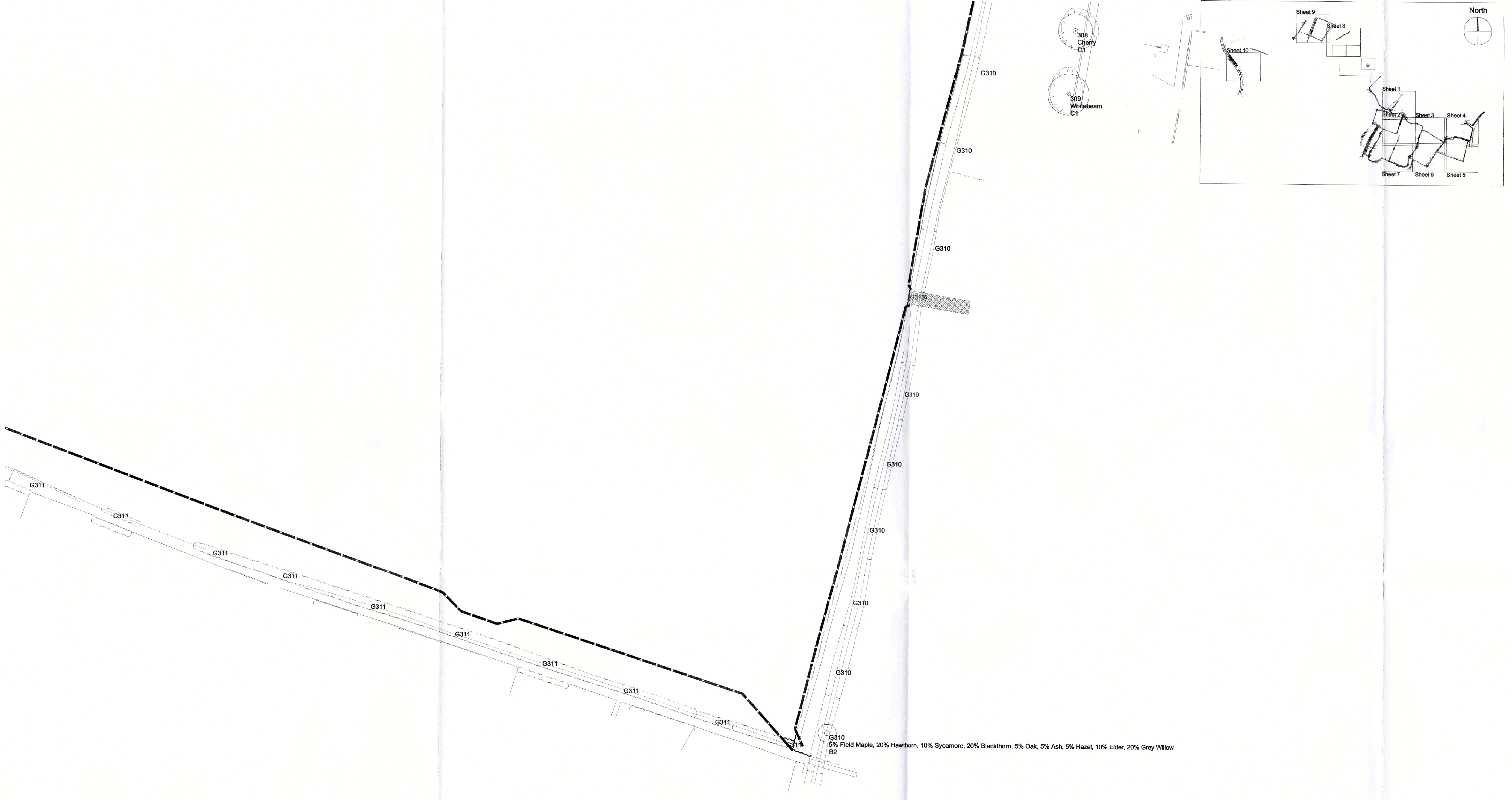
ARUN DISTRICT COUNCIL FP/84/19/DOC



NOTES

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General

This illustrative plan is intended to inform the location of protective barriers, other relevant physical protection and highlight precautionary areas for retained trees. This plan should be read in conjunction with the accompanying Method Statement & Tree Protection Report and should be incorporated into subsequent drawings and method statements used for the design purposes or issued for use on site, to ensure that all parties are fully aware of the areas in which access and works may and may not take place.

Tree Preservation Order

The site is partially covered by Tree Preservation Order 9 of 1967 administered by Arun District Council. This 'Area Order' specifies all Oak and Ash within area A1. In addition, selected individual trees and groups are subject to Tree Preservation Order F/1/07 served on 23rd November 2007.

It is recommended that the TPO be clarified where there is duplication by Arun District Council and written consent be obtained from the Local Planning Authority prior to carrying any tree works.

Tree Survey

1	Tree No. to be retained	TPO T1	Tree subject to TPO (F/1/07)
(1)	Tree No. to be removed		

Quality & value of existing tree stock

R	R Category tree Trees in such a condition that any existing value would be lost within 10 years.	B	B Category tree Trees of moderate quality and value
A	A Category tree Trees of high quality and value	C	C Category tree Trees of low quality and value

Tree Protection Measures

Preliminary root protection area
(Illustrated as an area equivalent to a circle. See Method Statement & Tree Protection Report Report: Appendix 1)

Tree Protection Barriers

▨ Pedestrian Ground protection

Precautionary Area 1

Precautionary Area 2

Notes

Tree Protection Barriers - All barriers are to be erected prior to commencement of any works on site (including demolition and ground works) and are to be retained throughout the development process. All barriers are to be fit for purpose and constructed in accordance with BS 5837 (2005) Figure 2 - Protective barriers. See Arboricultural Method Statement clause 7.0 - Tree Protection Barriers. The area between the tree and the protection barriers forms the **Construction Exclusion Zone**. The construction exclusion zone is to remain sacrosanct with storage of materials, machinery or equipement prohibited. No excavation or changes in land levels are to occur within this area unless agreed in writing by the Local Planning Authroity.

Ground Protection - Within the area double hatched the protection barrier is to be erected at the edge of the work zone with the soil structure beyond the barrier to the edge of the RPA protected with additional ground protection. For **pedestrian access** ground protection must be in the form of a single thickness of scaffold board on top of a compressible layer laid onto a geotextile, or supported by scaffold in accordance with BS 5837 (2005) Figure 3 - Protective barriers/Scaffolding within the RPA. **For vehicular wheeled or tracked traffic** a temporary trackway designed to protect the underlying structure shall be installed prior to vehicles entering the site such as Evetrackway (www.evetrackway.co.uk). No excavation or changes in land levels are to occur within this area unless agreed with the Local Planning Authority. Where hard surfacing or structures are to be erected within this area the principles outlined within Precautionary Area 1 & 2 below must be observed.

The installation of garden boundary fencing, paths and wooden footbridges within the RPAs precautionary measures must be observed to minimise potential root disturbance. Footpaths must be laid at or above ground level and aligned to pass between trees and no closer than 1 metre from the base of the trees. Footings for the wooden bridges and garden boundary fencing shall be dug by hand and lined with a non-porous membrane before back filling with concrete. In the event that roots greater than 25mm diameters are exposed during excavations, the hole must be immediately back filled and a new footing/posthole excavated in position where larger roots are absent. See Arboricultural Method Statement clause 10.0 - Installation of Wooden Footbridges, Garden Fencing and Paths

Precautionary Area 1 - Within the area hatched (honeycombe) precautionary measures must be observed to minimise potential root disturbance. **Installation of hard surfacing** will be of 'no dig' construction using a three dimensional cellular confinement system, such as Cellweb (www.geosyn.co.uk) or similar and as specified by an engineer in accordance with the manufacturers specification. See Arboricultural Method Statement clause 11.0 - Instalation of 'No Dig' Driveways.

Precautionary Area 2 - Within the area hatched (cross) precautionary measures must be observed to minimise potential root disturbance. **Installation of light structures** within this area shall be of a slab or pile foundation as specified by an engineer laid at or above ground level in order to avoid root severence/disturbance. Prior to laying of foundations within these areas a non-porous membrane will be laid to protect the soil and adjacent roots from potential toxic effects of concrete. See Arboricultural Method Statement clause 9.0 - Installation of Structures.

Excavation and Utilities - Utility or drainage runs should be designed not to encroach within the RPA of retained trees. In the event that excavation is required within the RPA as part of agreed utility and drainage plans, hand tools only must be used in accordance with National Joint Utility Guidelines No. 10 and under arboricultural supervision. See Arboricultural Method Statement clause 8.0 - Excavation and Utilities.

Tree Works - All tree works are to be carried out in accordance with BS 3998 Recomendations for Tree Works (1989). Trees identified for removal within this plan are to be removed prior to commencement of ground works. See Arboricultural Method Statement clause 6.0 - Tree Surgery Works.

Arboricultural Supervision - In order for tree and root protection measures to work effectively all personel associated with the demolition/construcion process should be familiar with the tree protection and precautionary measures to be observed. However, it is recomended that the following works within the RPA are carried out under arbroicultural supervisio. It is the responsibility of the Client to appoint an Arboricultural Consultant prior to commencement of works.

(a) Location and erection of physical tree protection measures.
(b) Installation of light structures or hard surfacing within the RPA.
(c) Operations involving excavation or other works within the RPA.

Revisions

No.	Date	Reason	Name
A.	29-08-07	Reflect revised layout by Architects	AR
B.	09-10-07	Additional trees shown for removal to facilitate roundabout	AR
C.	06-12-07	TPO identified	AR
D.	25-01-08	Additional trees to be removed identified	AR
E.	19-02-08	Additional trees to be retained	AR
F.	24-04-08	Reflect revised layout, drainage, highways etc	AR

External References:
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Project
LAND AT FELPHAM,
BOGNOR REGIS, WEST SUSSEX

Drawing
TREE SURVEY & TREE PROTECTION PLAN
(including TPO) SHEET 5 of 10

Scale	Date	Drawn
1:500	April'08	AR

Drawing No.	Revision
tf 607/TPP/105	F.

☐ Preliminary
☐ Issued for Planning Approval
☐ Issued for Construction
☐ Issued for Design/Information
☐ Issued for Tender
■ As Built

Drawing sheet size - A1