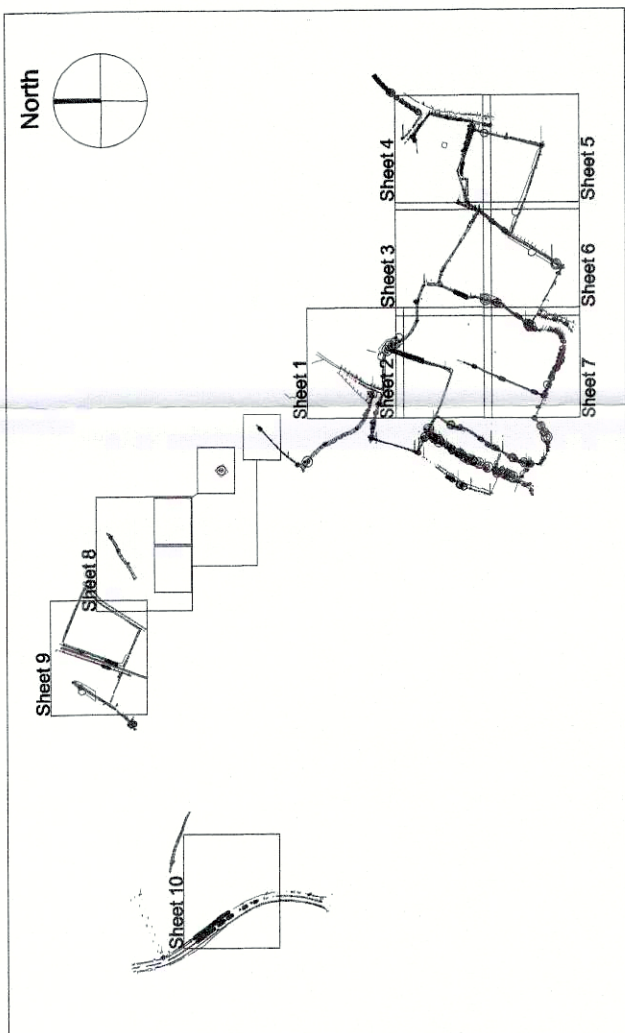




**NOTES**  
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## General

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 & Protection Report for retained trees. This plan should be incorporated into retained 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 or may not take place.

### Free 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/107 served on 23rd November 2007.

## Free Survey

|   | Tree No. to be retained | Tree subject to TPO<br>(F/107) | Tree No. to be removed |
|---|-------------------------|--------------------------------|------------------------|
| 1 | TPO T1                  |                                |                        |

## Quality &amp; value of existing tree stock

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

## Tree Protection Measures

|                                                                                   |                                                                                                                                           |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|    | Preliminary root protection area<br>(treated as an area equivalent to a circle. See Method Statement & Tree Protection 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 (excluding demolition and ground works) and are to be installed 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 Ancillary 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 equipment prohibited. No excavation or changes in land levels are to occur within this area unless agreed in writing by the Local Planning Authority.

**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 [Etrackway.co.uk](http://www.etrackway.co.uk). No excavation or changes in land levels are to occur within this area unless agreed with the Local Planning Authority.

The installation of garden boundary fencing, paths and wooden footbridges within the above ground level 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 should be placed on a non-porous membrane below back filling with concrete. In garden boundary fencing shall be dug by hand and lined with a non-porous membrane below 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 root barrier installed. Root barriers shall be installed in position whenever roots are absent. See Arboricultural Method 10 for further details.

**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

**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 severance/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 these 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 Recommendations for Tree Works (1989). Trees identified for removal within this plan are to be removed prior to commencement of ground works. See

**Arboreal Cultural Supervision** - In order for tree and root protection measures to work effectively all personnel associated with the demolition/construction process should be familiar with the tree protection and precautionary measures to be observed. However, it is recommended that the following works within the RPA are carried out under arboreal cultural supervision. It is the responsibility of the Client to appoint an Arboreal Cultural 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   |

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## Project

LAND AT FELPHAM,  
BOGNOR REGIS, WEST SUSSEX

## Drawing

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

Scale 1:500 Date April'08 Drawn AR

Drawing No.  
tf 607/TPP/110

|                   | Preliminary              | Issued for Planning Approval | Issued for Design/Information       |
|-------------------|--------------------------|------------------------------|-------------------------------------|
| Issued for Tender | <input type="checkbox"/> | <input type="checkbox"/>     | <input type="checkbox"/>            |
| As Built          | <input type="checkbox"/> | <input type="checkbox"/>     | <input checked="" type="checkbox"/> |

Drawing sheet size - A1

