



**Broad Oak Tree Consultants Limited**  
Laurel House, Burwash Road, Broad Oak, Heathfield, East Sussex  
TN21 8SS Tel: 01435 862444 [office@broadoaktrees.co.uk](mailto:office@broadoaktrees.co.uk)



**ARBORICULTURAL IMPLICATIONS ASSESSMENT  
FOR  
PROPOSED HOUSE**

**AT**

**LAND ADJOINING NO. 26 KENNEDY AVENUE  
EAST GRINSTEAD  
RH19 2DG**

**BY**

**Tim Laddiman  
BSc.(Hons) M.I.C.For. M.Arbor.A.  
Chartered Arboriculturist**

**Our ref: J68.02  
9<sup>th</sup> February 2026**

# CONTENTS

Page No.

|                                               |                                                 |   |
|-----------------------------------------------|-------------------------------------------------|---|
| 1.                                            | INTRODUCTION                                    | 1 |
| 2.                                            | GENERAL SITE DESCRIPTION                        | 1 |
| 3.                                            | SCOPE OF TREE SURVEY                            | 1 |
| 4.                                            | DATA COLLECTION                                 | 1 |
| 5.                                            | RISK ASSESSMENT – INFORMATIVES                  | 2 |
| 6.                                            | RESULTS OF TREE INSPECTIONS                     | 3 |
| 7.                                            | BS CALCULATED ROOT PROTECTION AREAS (RPAs)      | 4 |
| <b>ARBORICULTURAL IMPLICATIONS ASSESSMENT</b> |                                                 |   |
| 8.                                            | DEVELOPMENT PROPOSALS                           | 5 |
| 9.                                            | TREES FOR REMOVAL – DEVELOPMENT                 | 5 |
| 10.                                           | TREE SURGERY REQUIREMENTS                       | 5 |
| 11.                                           | POTENTIAL IMPACT OF PROPOSALS ON RETAINED TREES | 7 |
| 12.                                           | TREE PROTECTION FENCING                         | 7 |
| 13.                                           | GROUND PROTECTION MEASURES                      | 8 |
| 14.                                           | SERVICES/DRAINAGE/SOAKAWAYS                     | 8 |
| 15.                                           | ARBORICULTURAL METHOD STATEMENT                 | 8 |
| 16.                                           | SUMMARY                                         | 9 |

## APPENDICES:

1. EXPLANATORY SHEETS, TREE INSPECTION SHEET
2. TREE CONSTRAINTS PLAN, DRAWING NO. J68.02/01
3. TREE PROTECTION PLAN, DRAWING NO. J68.02/02
4. EXAMPLES OF FENCING SPECIFICATION AND SIGNAGE

## **1. INTRODUCTION**

- 1.1 Broad Oak Tree Consultants Ltd. received instructions from LPF Ltd. to undertake an inspection of trees located on and immediately adjacent to the site referred to as No. 26 Kennedy Avenue, East Grinstead, RH19 2DG. The purpose of the inspection was to produce a base inventory of the tree stock and an Arboricultural Implications Assessment of redevelopment proposals.
- 1.2 The proposals are for the construction of a new dwelling attached to No. 26 Kennedy Avenue, together with the formation of two parking spaces to the rear, accessed off an existing garage access road. Details of the proposals will have been submitted by IGM Associates Ltd.
- 1.3 The trees were inspected on 26<sup>th</sup> January 2026 by Tim Laddiman, BSc.(Hons) M.I.C.For. M.Arbor.A., Chartered Arboriculturist and Principal Consultant of Broad Oak Tree Consultants Ltd.
- 1.4 At the time of reporting online checks with Mid Sussex District Council did not indicate any Tree Preservation Orders to be present and the site is not located within a Conservation Area.

## **2. GENERAL SITE DESCRIPTION**

- 2.1 No. 26 is a two storey end of terrace house located on the south side of Kennedy Avenue with its western boundary defined by Willow Close and to the south by an access road to garages.
- 2.2 The house has a small triangular lawned front garden with areas of garden to the side and rear, mainly down to lawn, with several mature trees and overgrown boundary hedging.

## **3. SCOPE OF TREE SURVEY**

- 3.1 All trees and shrubs of 75mm diameter or more at 1.5m above ground level were included in the survey. This included trees immediately adjacent to the site.
- 3.2 For the offsite trees estimates of location, dimensions and condition had to be made.

## **4. DATA COLLECTION**

- 4.1 All trees were inspected from the ground and no climbing or specialist investigations were undertaken. Only those trees within the site boundary could be basally inspected, with the structural integrity of the trees located outside the site unconfirmed. Each tree was inspected to the requirements of Section 4.4 "Tree Survey" of BS 5837:2012 "Trees in Relation to Design, Demolition and Construction - Recommendations".
- 4.2 The tree survey followed the numbered sequence from T1 to G7 inclusive. Tree numbers, together with BS recommended colour coding of condition, have been added to the Tree Constraints Plan, our drawing no. J68.02/01 in Appendix 2. This drawing also includes crown spreads based on four compass points and BS calculated root protection areas.

- 4.3 The following categories of information were obtained for each tree. A separate detailed tree survey sheet is attached in Appendix 1, together with comprehensive explanatory sheets which cover the details of the categories listed below.

- (1) Tree reference number
- (2) Species
- (3) Height in metres
- (4) Stem count
- (5) Stem diameter or equivalent in millimetres
- (6) Branch spread in metres
- (7) Age class
- (8) Height of crown clearance in metres
- (9) Physiological condition
- (10) Estimated remaining contribution in years
- (11) Category grading
- (12) Structural condition
- (13) Preliminary management recommendations

- 4.4 Within the assessment of physiological condition and remaining contribution, a visual inspection of each tree was undertaken to assess the crown and stem for any weak structures, deadwood, hollows, forks or other defects that might affect its stability and safety. The base of each tree was also visually inspected, together with tapping and probing, to search for signs of root lifting, bark death or decay. Where stems were heavily ivy clad, no full assessment of structural integrity could be undertaken. Clearance of the ivy would be necessary for confirmation of tree condition.

## **5. RISK ASSESSMENT - INFORMATIVES**

- 5.1 Although the potential risk to someone passing beneath a tree when the tree or part of it fails is relatively remote, the risk is present. This increases significantly in areas of consistent and regular usage on a year round basis, such as footpaths, gardens and roadways. Where static structures exist, the risks become constant and an assessment is made as to whether complete or partial failure of a tree could potentially cause physical damage to such structures.
- 5.2 Within the scope of any tree survey it is a fact that not all risks of stem or crown failure can be covered, particularly in relation to freak occurrences of weather when even healthy trees can suffer stem snap or windblow. There is also a well known propensity for mature trees to occasionally shed limbs for no discernible reason, even on calm days. Although relatively rare, limbs may occasionally be shed and this should be acknowledged as a risk that cannot entirely be mitigated.

## 6. RESULTS OF TREE INSPECTIONS

- 6.1 A total of 4 individual trees and 3 hedges were inspected, with all 3 hedges being Cypress and having highly variable maintenance levels. G7 on the western boundary of the garden is compact and regularly trimmed. G2 has been maintained in the past but is now highly variable in height with bare patches. The short hedge G5 does not appear to have been maintained in the past and has grown to its natural potential and is beyond reasonable maintenance.



**Variable height G2 Cypress and bare areas.**

- 6.2 All of the trees and hedges present have been planted since the house was built, with T4 Ash the oldest and having had at least two heavy crown reductions in the past with vigorous regrowth responses. The tree does not display any obvious symptoms of Ash Dieback at present but is highly vulnerable to this lethal airborne pathogen. The tree would benefit from re pruning to minimise the risk of the vigorous regrowth breaking out from the pruning knuckles.
- 6.3 The Apple T3 is the second oldest tree on site and has been pruned in the past, with secondary stems removed.
- 6.4 All the Cypress hedging and the Cypress var. T6 have been planted in the last 20 years to provide screening. T6 has a thinning crown and weak stem union and appears to be in decline.
- 6.5 Of the trees inspected, the following is a breakdown of the various numbers of trees and groups in each BS Category.

| BS Category | Tree No.                   | Sub Total |
|-------------|----------------------------|-----------|
| A           | -                          | -         |
| B           | -                          | -         |
| C           | T1, G2, T3, T4, G5, T6, G7 | 7         |
| U           | -                          | -         |
|             | <b>TOTAL</b>               | <b>7</b>  |

## 6.6 Interpretation of table

|                   |                                                                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Category A</b> | Retention most desirable. Of high quality and value and in such a condition as to be able to make a substantial contribution (a minimum of 40 years is suggested).                                                                                                                                |
| <b>Category B</b> | Retention desirable. Of moderate quality and value and in such a condition as to make a significant contribution (a minimum of 20 years is suggested).                                                                                                                                            |
| <b>Category C</b> | Could be retained – of low quality and value. Poor crown form, heavily asymmetric, large numbers of similar species/size. Currently in adequate condition to remain until new planting could be established (a minimum of 10 years is suggested) or young trees with a stem diameter below 150mm. |
| <b>Category U</b> | Trees for removal. Dead/dying/dangerous trees due to structural defects, fungal decay or root plate uplift. Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management.  |

## 7. BS CALCULATED ROOT PROTECTION AREAS (RPAs)

- 7.1 To provide an indication of the critical areas of root plate necessary for tree survival and longevity, BS 5837:2012 requires the calculation of RPAs for trees in the BS Categories A, B and C. Calculations are not made for Category U trees which will require removal on safety grounds within 10 years.
- 7.2 The table below has been calculated using the measured stem diameters and the formula as described in Section 4.6 in BS 5837:2012. These are represented as basic circles on the Tree Constraints Plan. Where buildings, walls, services and hard surfacing exist within the indicated RPAs it is likely that the architecture of root systems will have been affected. Foundations to walls and buildings can completely obstruct root development, depending on their depth and the nature of the underlying soils. In the absence of detailed site investigations the indicated RPA circles should be used for guidance only within any redevelopment proposals.

| Tree no. | Species         | BS Category | Stem diameter or calculated equivalent (mm.) | BS calc. radial equiv. root protection area (m.) | BS calc. total RPA (m <sup>2</sup> ) |
|----------|-----------------|-------------|----------------------------------------------|--------------------------------------------------|--------------------------------------|
| T1       | Cherry Laurel   | C2          | 100                                          | 1.2                                              | 5                                    |
| G2       | Leyland Cypress | C2          | <70                                          | <0.8                                             | <2                                   |
| T3       | Apple           | C2          | 240                                          | 2.9                                              | 26                                   |
| T4       | Ash             | C1          | 530                                          | 6.4                                              | 129                                  |
| G5       | Leyland Cypress | C2          | <130                                         | <1.6                                             | <8                                   |
| T6       | Cyparess var    | C1          | 230                                          | 2.8                                              | 25                                   |
| G7       | Cypress         | C2          | <70                                          | <0.8                                             | <2                                   |

## ARBORICULTURAL IMPLICATIONS ASSESSMENT

### 8. DEVELOPMENT PROPOSALS

- 8.1 The proposals are for the construction of a new dwelling attached to No. 26 Kennedy Avenue, together with the formation of two parking spaces to the rear, accessed off an existing garage access road. Details of the proposals will have been submitted by IGM Associates Ltd.
- 8.2 The supplied proposed site plan, produced by IGM Associates Ltd. has been used as the base for the Broad Oak Tree Consultants Ltd. Tree Protection Plan, drawing no. J68.02/02 in Appendix 3. This indicates trees for removal and measures to protect retained trees in accordance with BS5837:2012 requirements.

### 9. TREES FOR REMOVAL – DEVELOPMENT

- 9.1 Based on the supplied proposed site plan the following trees will require removal.

***Table: Trees for removal – development***

| Tree No. | Species         | BS Category | Comments                                |
|----------|-----------------|-------------|-----------------------------------------|
| T1       | Cherry Laurel   | C           | Non-native shrub.                       |
| G2       | Leyland Cypress | C           | Young variable height non-native hedge. |
| T3       | Apple           | C           | Small Fruit tree, previously pruned.    |
| T6       | Cypress Var.    | C           | Thinning crown. Limited lifespan.       |

- 9.2 All of the above are small/low quality or non-native species. As BS Category C trees they should not represent a constraint to the proposals, according to BS5837:2012.
- 9.3 The Cypress hedge G2 will be replaced by a native hedge as part of the landscaping proposals. There is also scope for planting a new feature tree in the front garden of the new house.
- 9.4 The trees for removal are indicated as such with blue dashed crown outlines on the Tree Protection Plan.

### 10. TREE SURGERY REQUIREMENTS

- 10.1 As indicated above the Ash tree T4 has been heavily crown reduced on several occasions in the past with vigorous growth responses. To maintain a controlled canopy size for the setting and reduce the risk of regrowth breaking out from pruning knuckles it is proposed that the crown is re-reduced to previous pruning points. This represents ongoing maintenance that would be recommended whether or not there were development proposals and as such the works should not represent a constraint to the proposals.



**T4 Ash.**  
**Note vigorous growth from previous pruning points.**

## **11. POTENTIAL IMPACT OF PROPOSALS ON RETAINED TREES**

- 11.1 The proposed footprint of the new dwelling would be just outside the RPA of T4 Ash and would not impact on any other retained tree/hedge RPAs.
- 11.2 The proposed patio and shed/bike store to the new dwelling and the nearest of the two proposed parking bays and access path would overlap with the outer RPA of T4 Ash. As the Ash is BS Category C (due to limited life expectancy) such minor root incursions should not represent a significant constraint to the proposals, according to BS5837:2012.
- 11.3 To minimise any potential impacts the patio, shed, access path and parking bay can be formed to a minimal dig (hand tool removal of turf only) porous design.
- 11.4 For the parking bay levels fall slightly within the site from the access road so a build up in level would be viable. The parking bay will be formed with a geotextile base, on to which a 150mm deep Geoweb or similar cellular confinement system will be laid out and pinned in place. The cells will be filled with a no fines MOT and the porous surfacing, such as gravel or dry jointed pavements will be laid. The edges will be retained either by timber sleepers or gently banked topsoil.
- 11.5 The access path and patio will also be built up and to a porous design. The shed base will be shuttered and formed above ground level and plastic lined to avoid leachates entering the soil as the concrete cures.
- 11.6 This approach would accord with Section 7.4 "Permanent hard surfacing within the RPA" of BS5837:2012 and the AA Guidance Note 12 "The use of cellular confinement systems near Trees". As such the proposed design should be acceptable to the Council.
- 11.7 The proposed minimal dig porous, load spreading design is included on the Tree Protection Plan, which can be referred to as an approved drawing to ensure the required design and installation approach is followed.
- 11.8 Overall the proposed house will not impact on any retained trees, with only minimal impacts from hard landscaping, mitigated by design, and as such there should be no grounds for a refusal based on arboricultural impacts.

## **12. TREE PROTECTION FENCING**

### **12.1 *Location of fencing***

- 12.1.1 The Tree Protection Plan indicates the proposed location of protective fencing based on the calculated tree protection areas and space available.

### **12.2 *Design of fencing***

- 12.2.1 Protective fencing to comprise weldmesh panels securely fixed together with scaffold ties set within rubber/plastic feet to form a continuous barrier. Feet to be pinned to the ground with road pins/short scaffold bars or panel joins back braced. Waterproof signs to be attached to every 5<sup>th</sup> panel declaring "TREE ROOT PROTECTION ZONE – KEEP OUT" or similar wording. Fencing to be constructed in accordance with Fig 3 of Section 6.2 of BS5837:2012.
- 12.2.2 Examples of the fencing specification and signage required are included in Appendix 4.

### **12.3 *Timing of fencing***

- 12.3.1 Protective fencing is to be erected prior to commencement of site works and remain in place until completion of construction. The location and suitability of the fencing can be confirmed to the local authority by an arboricultural consultant prior to commencement of construction. Any tree felling will need to be undertaken prior to fence installation to minimise risks to operatives. All tree surgeons' vehicles will be kept outside the indicated protection zones utilising existing areas of hard standing and drive.

### **12.4 *Additional precautions***

- 12.4.1 Potentially injurious materials such as fuels, oils, chemicals and cement will be stored at least 20m from any stem, or in a bunded storage vessel. No fires will be lit within 5m of the drip line of any retained tree. No level changes will occur, either raising or lowering within the protected areas. A list of these additional precautions are included on the Tree Protection Plan.

## **13. GROUND PROTECTION MEASURES**

- 13.1 The area shown hatched on the Tree Protection Plan is to be covered in a geotextile, over which 100mm of woodchip is to be placed, topped with minimum 12mm thickness non slip surfaced OSB/plywood boards or side butting scaffold boards.
- 13.2 Installation of the ground protection measures should take place at the same time as the protective fencing, prior to demolition, and remain in place until completion of construction. The area requiring ground protection measures is indicated by cross hatching on the Tree Protection Plan.

## **14. SERVICES/DRAINAGE/SOAKAWAYS**

- 14.1 Any services, drainage runs and soakaways are to be kept outside indicated root protection areas wherever possible. Where excavation is necessary within tree RPAs, these should be undertaken by hand or airspade and to the requirements of NJUG Volume 4 "Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees.

## **15. ARBORICULTURAL METHOD STATEMENT**

- 15.1 A separate Arboricultural Method Statement is not considered necessary for this site, given the minimal risks to retained trees and the design features proposed to mitigate risks. Details of the protective fencing and ground protection specification, timing and location are indicated on the Tree Protection Plan, which can be referred to in a specifically worded Condition.

## **16. SUMMARY**

- 16.1 The proposals will require the removal of three small BS Category C trees/shrubs and one young Cypress hedge. These should not represent a constraint to the proposals according to BS5837:2012 and a new native hedge is proposed to replace the Cypress hedge.
- 16.2 The proposed house will not impact on any retained tree RPAs.
- 16.3 The proposed patio, shed, access path and part of one parking bay would overlap with the outer tree RPA of T4 Ash (BS Category C) and proposals for minimal dig, porous load spreading designs are included to avoid any adverse root impacts.
- 16.4 Robust tree protection measures are proposed, in accordance with BS5837:2012 requirements.
- 16.5 The Tree Protection Plan can be referred to as an approved drawing or in a specifically worded Condition to ensure that the retained trees are appropriately protected during the construction works.

Tim Laddiman  
Chartered Arboriculturist  
Broad Oak Tree Consultants Ltd.

# APPENDIX 1

## TREE SURVEY EXPLANATORY SHEET

|                                               |                                                                                                                                                                                                                           |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Height</b>                                 | in metres (estimated where ground uneven or access restricted).                                                                                                                                                           |
| <b>Stem count</b>                             | number of stems                                                                                                                                                                                                           |
| <b>Stem diameter</b>                          | in mm. at 1.5m. above ground level.                                                                                                                                                                                       |
| <b>Branch spread</b>                          | radial spread in metres at four main compass points (estimated where no access).                                                                                                                                          |
| <b>Age class</b>                              | Young - Y<br>Semi Mature - SM<br>Mature - M<br>Over mature - OM<br>Veteran - V                                                                                                                                            |
| <b>Height of crown clearance</b>              | in metres. Normally range of heights of outer branches above ground level, e.g. 2-4m.                                                                                                                                     |
| <b>Physiological condition</b>                | Good, Fair, Poor, Dead, Variable                                                                                                                                                                                          |
| <b>Estimated remaining contribution</b>       | in years<br>e.g. less than 10, 10-20, 20-40, 40+                                                                                                                                                                          |
| <b>Category grading</b>                       | see attached sheet                                                                                                                                                                                                        |
| <b>Structural condition</b>                   | comment on presence of defects, decay, crown form, past management, deadwood, other features worthy of note.<br>N.B. If trees are ivy clad, no full structural assessment will have been possible.                        |
| <b>Preliminary management recommendations</b> | requirements of further investigations, works necessary to alleviate potential hazards based on current setting and levels of access.<br>NB: Works that may be necessary in relation to development are not included here |

## CASCADE CHART FOR TREE QUALITY ASSESSMENT

| TREES FOR REMOVAL                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                       |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Category and definition                                                                                                                                                                                                        | Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                       | Identification on plan |
| <b>Category U</b><br>Those in such a condition that any existing value would be lost within 10 years and which should, in the current context, be removed for reasons of sound arboricultural management                       | <ul style="list-style-type: none"><li>Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other R category trees (i.e. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning)</li><li>Trees that are dead or are showing signs of significant, immediate and irreversible overall decline.</li><li>Trees infected with pathogens of significance to the health and/or safety of other trees nearby (e.g. Dutch elm disease), or very low quality trees suppressing adjacent trees of better quality</li></ul> <p>NOTE   Habitat reinstatement may be appropriate (e.g. R category tree used as a bat roost: installation of bat box in nearby tree.)</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                       | DARK RED               |
| TREES TO BE CONSIDERED FOR RETENTION                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                       |                        |
| Category and definition                                                                                                                                                                                                        | Criteria - Subcategories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                       | Identification on plan |
|                                                                                                                                                                                                                                | 1. Mainly arboricultural values                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2. Mainly landscape values                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3. Mainly cultural values, including conservation                                                                                     |                        |
| <b>Category A</b><br>Those of high quality and value: in such a condition as to be able to make a substantial construction (a minimum of 40 years is suggested)                                                                | Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Trees, groups or woodlands which provide a definite screening or softening effect to the locality in relation to views into or out of the site, or those of particular visual importance (e.g. avenues or other arboricultural features assessed as groups)                                                                                                                                                                                                                                                           | Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture) | LIGHT GREEN            |
| <b>Category B</b><br>Those of moderate quality and value: those in such a condition as to make a significant contribution (a minimum of 20 years is suggested)                                                                 | Trees that might be included in the high category, but are downgraded because of impaired condition (e.g. presence of remediable defects including unsympathetic past management and minor storm damage)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Trees present in numbers, usually as groups or woodland, such that they form distinct landscape features, thereby attracting a higher collective rating than they might as individuals but which are not, individually, essential components of formal or semi-formal arboricultural features (e.g. trees of moderate quality within an avenue that includes better, A category specimens), or trees situated mainly internally to the site, therefore individually having little visual impact on the wider locality | Trees with clearly identifiable conservation or other cultural benefits                                                               | MID BLUE               |
| <b>Category C</b><br>Those of low quality and value: currently in adequate condition to remain until new planting could be established ( a minimum of 10 years is suggested), or young trees with a stem diameter below 150mm. | Trees not qualifying in higher categories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Trees present in groups or woodland, but without this conferring on them significantly greater landscape value, and/or trees offering low or only temporary screening benefit.                                                                                                                                                                                                                                                                                                                                        | Trees with very limited conservation or other cultural benefits                                                                       | GREY                   |
| NOTE   Whilst C category trees will usually not be retained where they would impose a significant constraint on development, young trees with a stem diameter of less than 150mm should be considered for relocation           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                       |                        |

| Tree ref. no. | Species         | Height (m.) | Stem Count | Stem diameter or equivalent (mm.) | Branch spread (m.) |      |     |      | Age class | Ht. of crown clearance (m.) | Physiological condition | Estimated remaining contribution (years) | Category grading | Structural condition and Notes                                                                                              | Preliminary management recommendations |
|---------------|-----------------|-------------|------------|-----------------------------------|--------------------|------|-----|------|-----------|-----------------------------|-------------------------|------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|               |                 |             |            |                                   | N                  | E    | S   | W    |           |                             |                         |                                          |                  |                                                                                                                             |                                        |
| T1            | Cherry Laurel   | 2.5         | Multi      | 100                               | 2.5                | 2    | 1   | 2    | Y         | 0+                          | Good                    | 40+                                      | C2               | Densely multi-stemmed near ground level. Heavily pruned in past                                                             |                                        |
| G2            | Leyland Cypress | <5.5        | 1/Multi    | <70                               | <1.5               | <1.5 | <1  | <1.5 | Y         | 0+                          | Good                    | 40+                                      | C2               | Variably topped hedge                                                                                                       |                                        |
| T3            | Apple           | 6           | 1          | 240                               | 5                  | 3.5  | 2   | 2.5  | M         | 2+                          | Fair                    | 20-40                                    | C2               | Originally four stemmed <1m, N stem remains                                                                                 |                                        |
| T4            | Ash             | 12          | 2          | 530                               | 4.5                | 4.5  | 5.5 | 5.5  | SM        | 1.5+                        | Good                    | 10-20                                    | C1               | Twin stemmed <1m. S stem heavily ivy clad. Pollarded at c5m height in past and subsequently reduced, with vigorous regrowth |                                        |
| G5            | Leyland Cypress | <8          | 1          | <130                              | <2.5               | <2.5 | <3  | <2.5 | Y         | 0.5+                        | Good                    | 40+                                      | C2               | Overgrown screen. Crowded                                                                                                   |                                        |
| T6            | Cypress var     | 7           | 2          | 230                               | 1.5                | 3    | 1.5 | 1.5  | Y         | 1.7+                        | Poor                    | 10-20                                    | C1               | Crowded, thin crown. Twin stemmed near ground level with weak union. Slight lean to N. Deadwood                             |                                        |
| G7            | Cypress         | <2          | Multi      | <70                               | 0.5                | 0.5  | 0.5 | 0.5  | Y         | 0+                          | Good                    | 40+                                      | C2               | Maintained hedge                                                                                                            |                                        |

# APPENDIX 2

TREE CONSTRAINTS PLAN

T1 - G7 Tree numbers

BS Category of Condition

BS Condition A

BS Condition B

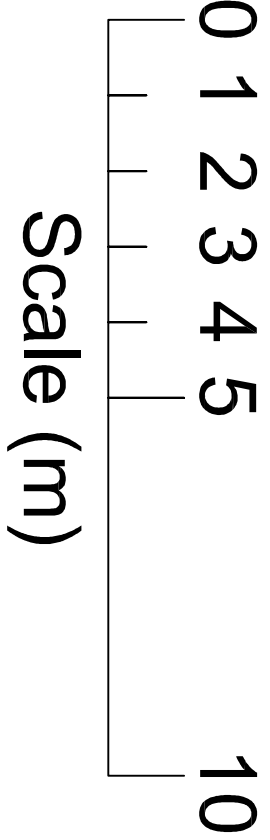
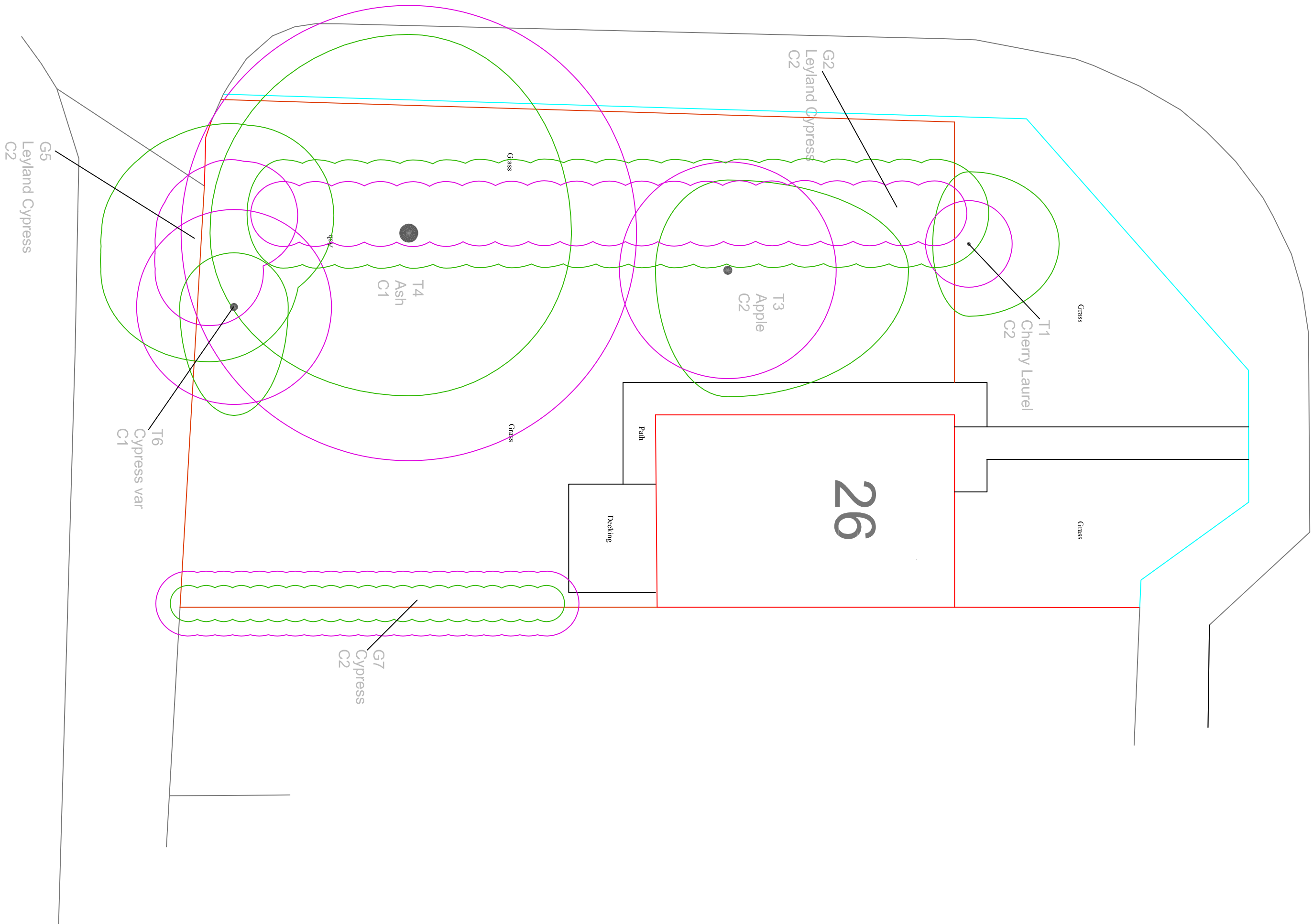
BS Condition C

BS Condition U

Crown spread

BS Calculated root protection areas

The root protection areas have been calculated in accordance with BS5837:2012, Tables 4 & 5 in BS5837:2012. These are based on the tree's current dimensions and the formulae described in BS5837:2012. The calculation of the root protection area (RPA) is based on the tree's current dimensions and the formulae described in BS5837:2012. Where buildings, walls, services and hard surfacing exist within the RPA, the RPA should be adjusted to avoid these. Foundations to walls and buildings should be protected by a foundation protection system (FPS) or a root barrier. The RPA should be used for guidance only within any redevelopment proposals.



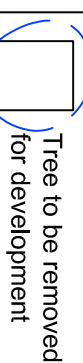
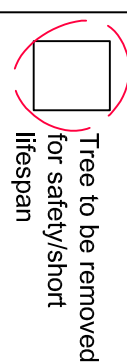
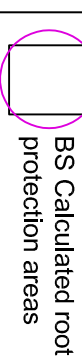
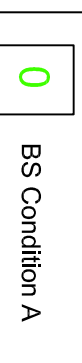
# APPENDIX 3

26 KENNEDY AVENUE  
EAST GRINSTEAD  
RH19 2DG

## TREE PROTECTION PLAN

## T1 - G7 Tree numbers

BS Category of Condition



### TREE PROTECTION INFORMATION

protection measures to be installed at locations specified prior to commencement of any demolition works.

Protective fencing to comprise welldefined panels securely fixed together with scaffold ties set within rubber/plastic feet to form a continuous barrier. Fencing to be pinned to the ground with road pins/short scaffold bars or panel joints back braced. Weatherproof signs to be attached to every 5th panel declaring "TREE ROOT PROTECTION ZONE - KEEP OUT" or similar wording. Fencing to be constructed in accordance with fig. 2 or fig. 3 of section 6.2 of SS5837:2012.

Ground protection measures to comprise a single thickness of side butting scaffold boards over a 100mm compressible layer laid onto a geotextile. For machinery access, interlocking metal/plastic road plates will need to be used.

Buildings in proximity to protective fencing areas to be demolished by machinery pulling walls inwards onto the building footprint.

- Storage or disposal of any soil, building materials, machinery, fuel or waste residues of any description.

- Siting of any temporary structures or any description including site office/sales buildings, temporary car parking facilities, porta-toos, storage compounds or temporary hard stand areas.

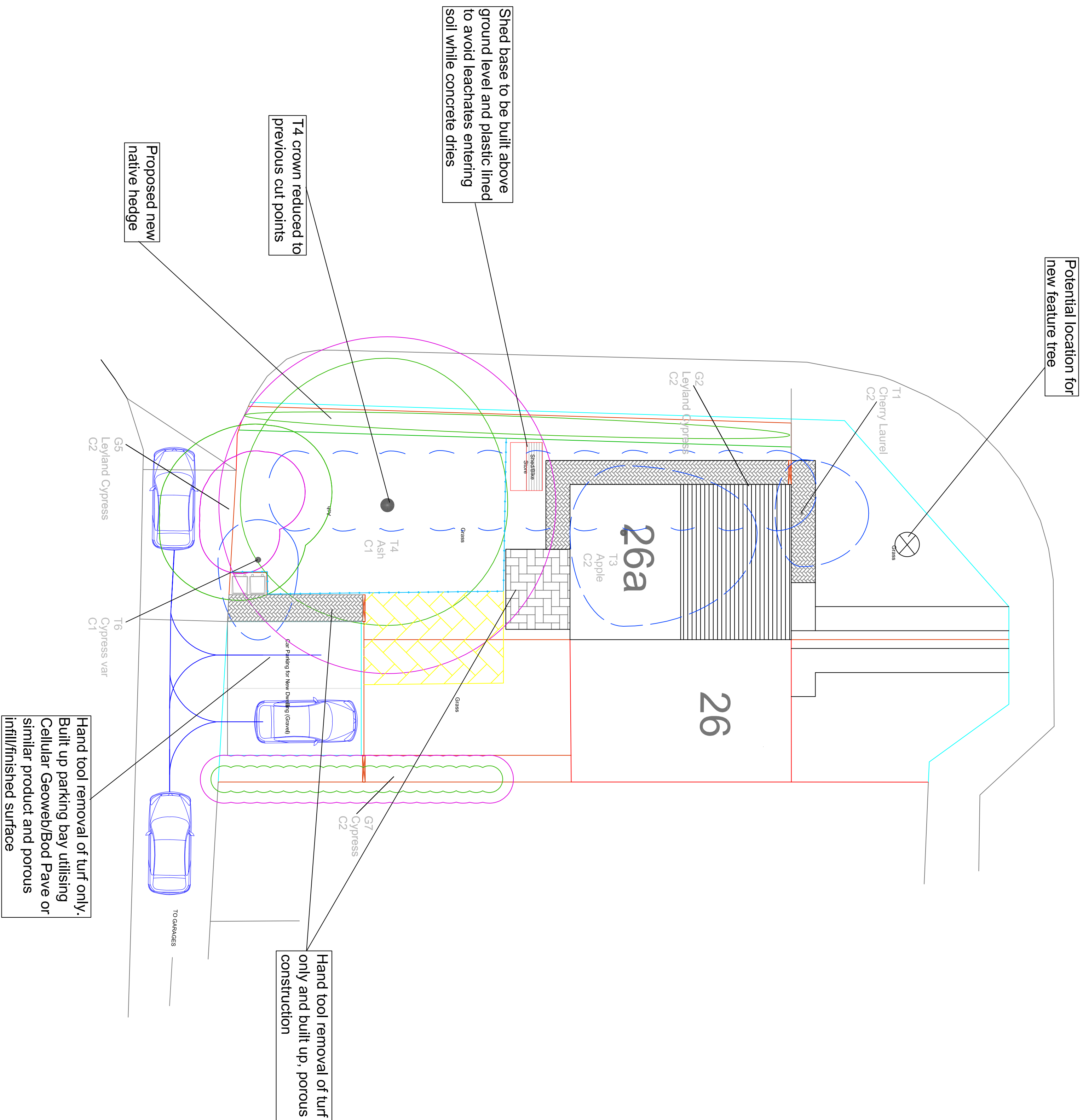
- Excavations, soil/turf stripping, raising/lowering of existing levels or alterations to the existing natural surfaces/ground conditions of any other description.

- Location of temporary drainage, waste supplies or any other temporary underground services.

- No use, movement or parking of any machinery or vehicles of any description.

- Additionally, no fires shall be lit within 20m. of the trunks of any trees or the centre line of any hedgerow to be retained.

All services to be installed to the requirements of NJUG Volume 4 "Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees". Any runs within retained tree root protection areas to either be bored/moled or an hand excavation to be supervised by the Arboricultural Consultant



Scale (m)

# APPENDIX 4

# BS5837:2012: FENCING SPECIFICATIONS

Figure 2 Default specification for protective barrier

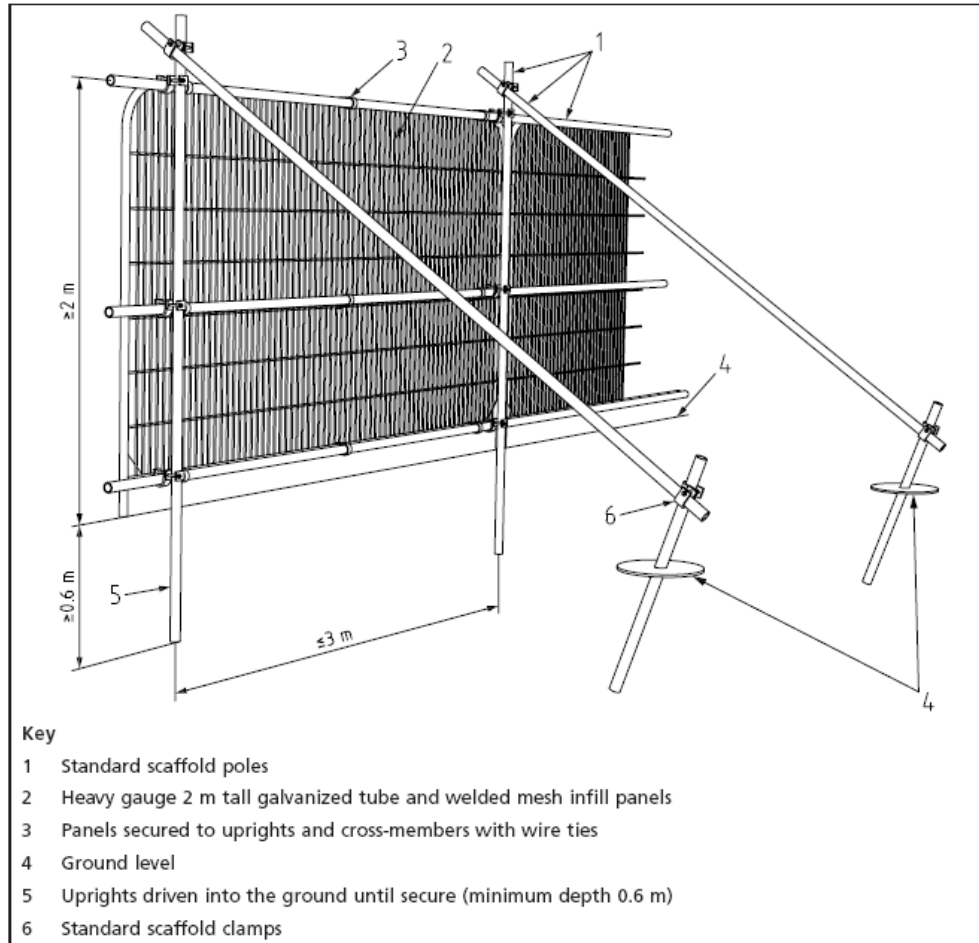
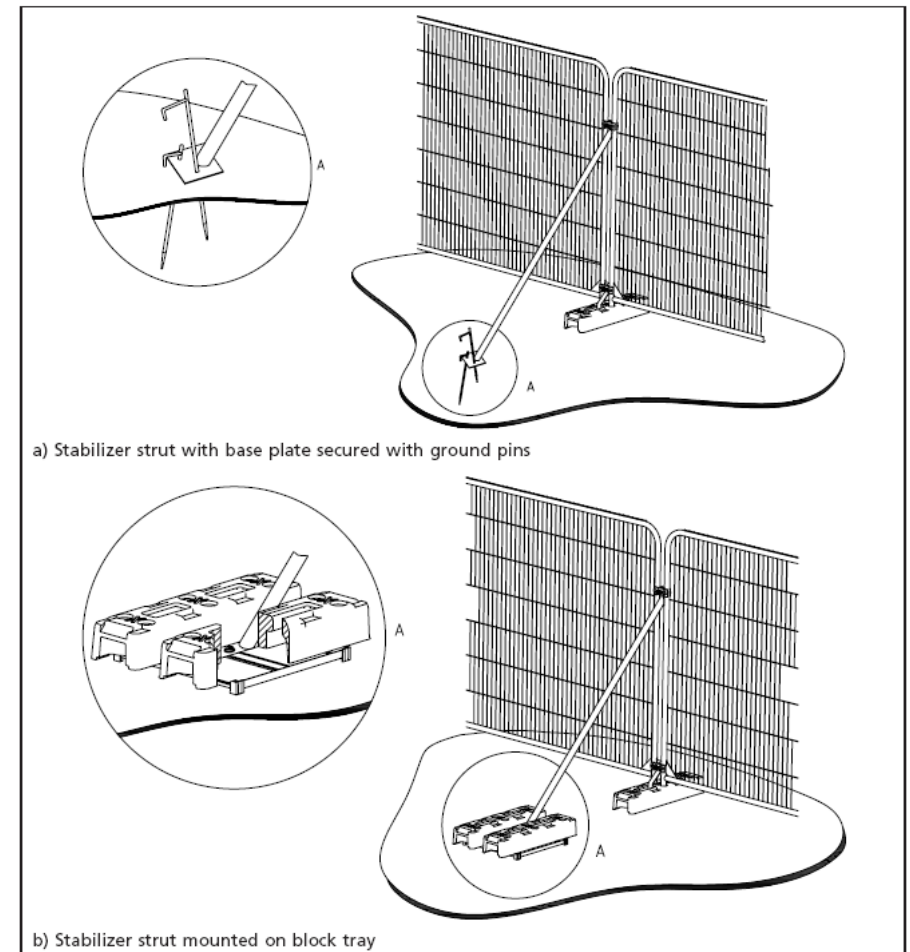


Figure 3 Examples of above-ground stabilizing systems





**PROTECTIVE FENCING.  
THIS FENCING MUST BE  
MAINTAINED IN ACCORDANCE  
WITH THE APPROVED PLANS  
AND DRAWINGS FOR THIS  
DEVELOPMENT**



**TREE PROTECTION AREA  
KEEP OUT!**

(TOWN & COUNTRY PLANNING ACT 1990)  
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY  
PLANNING CONDITIONS AND/OR ARE SUBJECTS OF A  
TREE PRESERVATION ORDER.  
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY  
LEAD TO CRIMINAL PROSECUTION  
ANY INCURSION INTO THE PROTECTED AREA MUST BE  
WITH THE WRITTEN PERMISSION OF THE LOCAL  
PLANNING AUTHORITY