








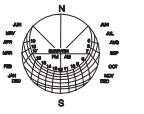
KEY:

-  Existing retained tree and approximate canopy cover
-  Proposed Specimen Tree Removal
-  Proposed new large-specie tree planting (size shown at time of planting)
-  Proposed orchard tree planting
-  Tree canopy projection - 10 years post planting
-  Lawn
-  Woodland meadow & bulb mix
-  Thicket - shrub screen planting
-  'Wilderness' - shrub and herbaceous planting
-  Hedges
-  Self-binding gravel paths
-  Existing asphalt surface
-  Area of Woodland Quarters set aside with no works proposed
-  Tree Root Protection Area

TREE WORKS PROPOSALS:

- Woodland Quarter Group Works:
-  Retain tree
 -  Retain and coppice
 -  Remove

1. Beehive interpretative play
2. Estate railings and gates
3. Post & wire fence set within hedge



Rev	Date	Initials	Description
E	09.08.18	VB	Update
D	21.07.17	VB	Update
C	20.07.17	VB	Update
B	12.07.17	VB	Update
A	18.05.17	VB	Update
-	10.05.17	VB	Update

J & L GIBBONS
 LANDSCAPE ARCHITECTURE
 URBAN DESIGN

19 SWAN YARD,
 LONDON N1 1SD
 T: 020 7226 1345

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 All dimensions are to be verified on site prior to construction.
 J & L Gibbons LLP to be informed of any variation between site conditions and dimensions.












Project: MARBLE HILL REVIVED		
Date: 09_05_17	Scale: 1:250 @ A3	Status: Planning
Drawn: VB	Checked: ND	Approved: ND


Drawing title:
PROPOSED LANDSCAPE PLAN
NE WOODLAND QUARTER

Drawing number:
581_PL_L_27




Rev:
E

KEY:

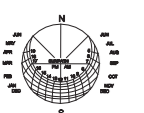
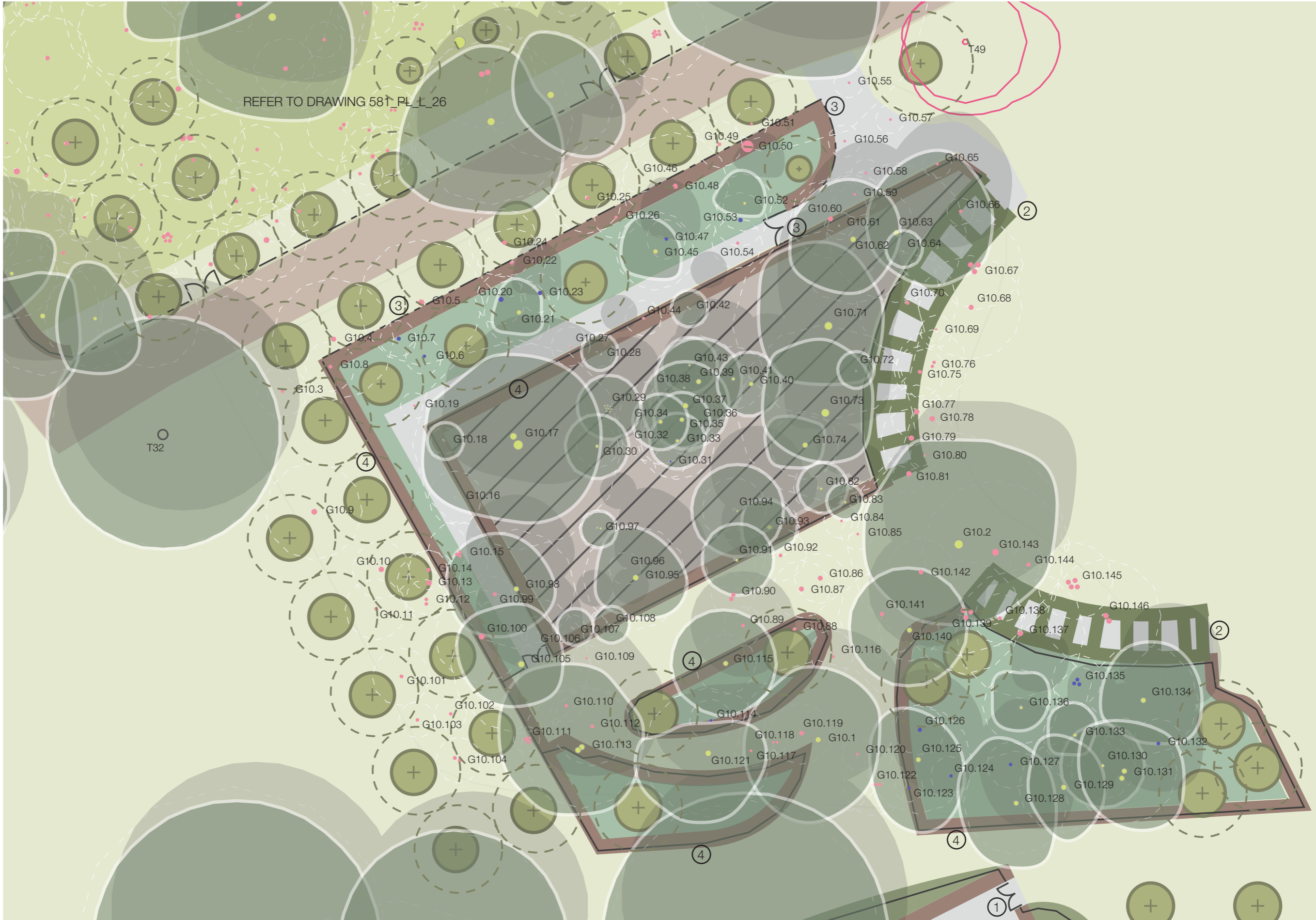
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-  Proposed Specimen Tree Removal
-  Proposed new large-specie tree planting (size shown at time of planting)
-  Tree canopy projection - 10 years post planting
-  Lawn
-  Woodland meadow & bulb mix
-  Thicket - shrub screen planting
-  'Wilderness' - shrub and herbaceous planting
-  Hedges
-  Self-binding gravel paths
-  Existing asphalt surface
-  Area of Woodland Quarters set aside with no works proposed

 Tree Root Protection Area

TREE WORKS PROPOSALS:

- Woodland Quarter Group Works:
-  Retain tree
 -  Retain and coppice
 -  Remove

1. Ninepin alley
2. Planted palisade
3. Estate railings and gates
4. Post & wire fence set within hedge



Rev	Date	Initials	Description
E	09.08.18	VB	Update
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J & L GIBBONS
 LANDSCAPE ARCHITECTURE
 URBAN DESIGN

19 SWAN YARD,
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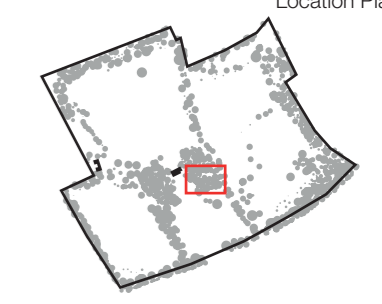
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Date: 09_05_17	Scale: 1:250 @ A3	Status: Planning
Drawn: VB	Checked: ND	Approved: ND

Drawing title:
PROPOSED LANDSCAPE PLAN
SW WOODLAND QUARTER

Drawing number:
581_PL_L_28 E

Rev:



REFER TO DRAWING 581_PL_L_27

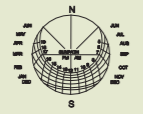
KEY:

- Existing retained tree and approximate canopy cover
- Proposed Specimen Tree Removal
- Proposed new large-specie tree planting (size shown at time of planting)
- Tree canopy projection - 10 years post planting
- Lawn
- Woodland meadow & bulb mix
- Thicket - shrub screen planting
- 'Wilderness' - shrub and herbaceous planting
- Flower garden
- Hedges
- Self-binding gravel paths
- Existing asphalt surface
- Area of Woodland Quarters set aside with no works proposed
- Tree Root Protection Area

TREE WORKS PROPOSALS:

- Woodland Quarter Group Works:
- Retain tree
 - Retain and coppice
 - Remove

- Planted palisade
- Estate railings and gates
- Post & wire fence set within hedge



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J & L GIBBONS
 LANDSCAPE ARCHITECTURE
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 19 SWAN YARD,
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Project:
 MARBLE HILL REVIVED
 Date: 09_05_17
 Scale: 1:250 @ A3
 Status: Planning

Drawing title:
 PROPOSED LANDSCAPE PLAN
 SE WOODLAND QUARTER
 Drawing number:
 581_PL_L_29 E

Drawn: VB
 Checked: ND
 Approved: ND

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SUMMARY OF TREE PROTECTION MEASURES

Introduction

This leaflet shall be issued to all site personnel as part of their induction briefing.

It describes in summary form, the precautions that site personnel shall at all times follow, to ensure that the existing trees on the site come to no harm.

The precautions described are neither arbitrary nor reducible and must be adhered to in full.

These precautions are necessary because unprotected trees are very vulnerable to damage during demolition and construction works.

Furthermore, many of the trees on the site are under LEGAL PROTECTION and damaging them can result in heavy fines.

Two common misconceptions about trees:

MYTH: Trees have deep taproots and so shallow excavations will not harm the tree.

FACT: 90% of all tree's roots are found in the top 600mm of soil; all excavations near to trees are likely to cause root damage which can kill the tree.

MYTH: Trees will quickly heal over any bark wound, with no ill effect.

FACT: Bark wounds take years to heal and larger ones never do; missing bark can lead to disease and even the death of the tree.

Tree Protection

All trees adjacent to unsupervised work areas have been protected by fencing.

This fencing must be respected at all times and no attempts shall be made to damage, bypass or ignore it.

In areas designated for supervised working, no works shall be undertaken without the supervisor being present or without him/her issuing a "carry on" chit.

Prohibitions Adjacent to Trees

Inside the exclusion area of the tree protection, the following prohibitions shall apply.

- No digging or scraping
- No storage of plant or materials
- No vehicular access
- No fire lighting
- No handling, discharge or spillage or any chemical substance
- No water-logging

In addition to the above, further precautions shall be taken near to trees.

- A 10m separation distance shall be observed between trees and any substance injurious to their health, including fuels, oil, bitumen, cement (including washings) builders' sand, concrete mixing and other chemicals.
- No fire shall be lit such that flames come within 5m of any foliage; this shall be taken to mean a fire separation distance to the leaves of 20m.

Avoiding Damage to Stem and Branches

Care shall be taken when planning site operations to ensure that wide or tall loads or plant with booms, jibs and counterweights, can operate without coming into contact with trees.

Consequently, any transit or traverse of plant in proximity to trees shall be conducted under the supervision of a spotter to ensure that adequate clearance is at all times maintained.

In some circumstances, it may be impossible to achieve this, necessitating the pruning of the tree.

If this is necessary, a specialist team shall be called in following referral to the project Arboriculturist.

No tree pruning shall be undertaken by demolition or construction personnel.

Asking for Help

If you see any damage to a tree or its protective fencing, or if you need a tree pruning for plant clearance, contact **CBA Trees** as follows:

Office Telephone: 02380 986229

**REMEMBER:
ALL TREE DAMAGE
IS AVOIDABLE –
SO AVOID IT!**



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



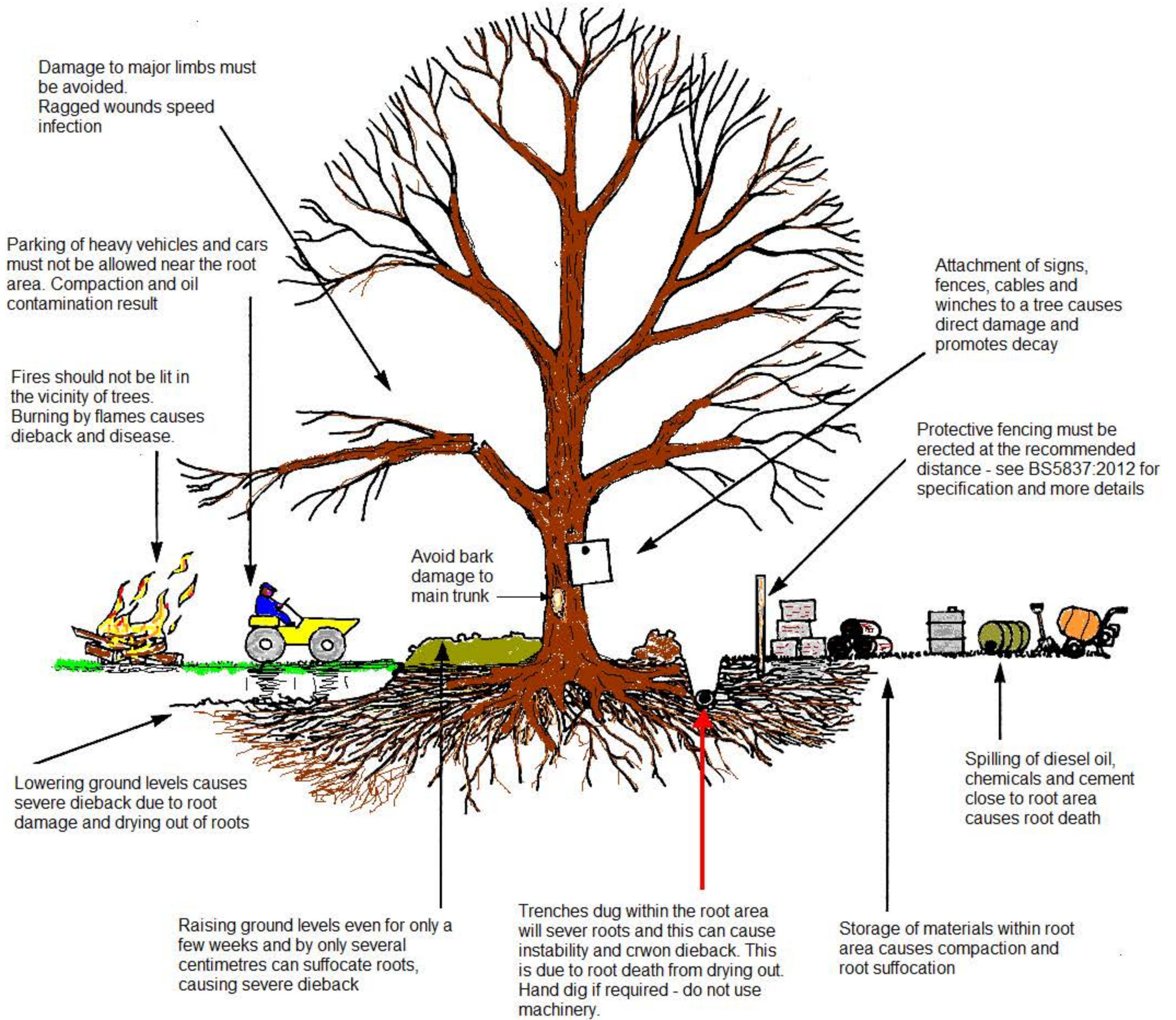
**TREE PROTECTION AREA
KEEP OUT !**

**(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE 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

COMMON CAUSES OF TREE DEATH

The use of properly positioned protective barriers can prevent tree deaths occurring.







The Professional Arboricultural Consultancy

Qualifications of Stefan Rose Senior Consultant

Stefan Rose BSc.Hons. AA Tech.Cert. joined CBA Trees in 1998 as a junior surveyor and having gained extensive knowledge has become a respected Senior Consultant. He has considerable experience in working as a locum for Local Authorities, assessing new and extant Tree Preservation Orders, and continues to work on a number of major development projects nationwide.

As a retained Senior Consultant, Stefan undertakes Health and Safety Audits and BS5837:2012 Tree Surveys using the latest data capture equipment, together with site assessments and site monitoring. He also provides advice to prominent development companies and produces Implications Assessments and Method Statements for the submission of planning applications.