

Appendix 1 Tree survey and explanatory notes

Tree Survey Schedule

Site: Date of Survey:	3 Elm Cottage 21 04 23
Arboricultural Consultant/Surveyor:	J Choat
Weather:	Overcast, light
	wind

				Branch spread													
Tree ref	Species Common and Scientific	Height in m	Stem diameter in mm	Radial distance required for RPA	z	E	S	w	Height of crown clearance in m	Age class	Ground condition	Water demand	Observations	Preliminary management recommendations	Works urgency	Estimated remaining contribution in years	Category grading
T1	Lime Tilia x europaea	5	700	8.4	1	1	1	1	0	М	Shingle	Moderate	3rd party, unable to fully assess. Significant basal preventing full inspection. Recent pollard to 5m.	Maintain pollard every 5 to 8 years depending on vigour.	3	20	C1
G1	Lawson's Cypress Chamaecyparis lawsoniana	5	150	1.8	1	1	1	1	1	EM	Shingle	High	3rd party, unable to fully assess. Recently topped at 5m.	None	0	10	C1
T2	Lime Tilia x europaea	17	800	9.6	3	3	3	3	0	Μ	Shingle	Moderate	3rd party. Significant basal preventing full inspection. Twin stem forming compression fork. Target pruned over boundary. Decay to lateral at 6m in central crown. 2 below bark wounds at 1.5m with bark detaching.	Reduce crown by 3 to 4m - high pollard	3	20	B1/2
G2	Lawson's Cypress Chamaecyparis lawsoniana	5	150	1.8	1	1	1	1	1	EM	Shingle	High	3rd party, unable to fully assess. Recently topped at 5m.	None	0	10	C1
Т3	Oak Quercus robur	19	980	11.76	6	6	6	6	7	М	Grass	High	3rd party. Recent target pruning over driveway area.	None	0	30	A1/2
T4	Oak Quercus robur	19	1000	12	6	6	6	6	7	Μ	Grass	High	3rd party. Occasional tear wounds within crown.	None	0	30	A1/2

Explanatory Notes

Referencing

Each tree is given a unique reference number and plotted on the attached plans for clear identity. Individual trees are referenced as T1, T2 etc., Groups G1, G2 etc. Hedgerows H1, H2 etc. and Woodlands W1, W2 etc.

Species

All species are recorded using common names. Identification is made using experience and knowledge.

Tree dimensions

Tree height is measured and recorded in meters and taken from the base of the stem to the tip of the crown. Height is estimated using experience and knowledge.

Diameter at Breast Height (DBH) is measured at approximately 1.5m from the ground up the stem and is measured and recorded in millimeters. DBH is measured accurately using a diameter tape.

Crown spread is measured in meters from the stem to the extent of the crown spread to each compass point (NESW). Crown spread is estimated using experience and knowledge.

Crown clearance is the height from ground level to the lowest branch and is measured in meters. Crown clearance is estimated using experience and knowledge.

Age class

Age class falls in to 4 categories:

Young
Early Mature
Mature
Over Mature

Observations

The biological condition of the tree is assessed and noted. Notable defects are recorded; fruiting bodies, cankers, die back, exudates, etc. are recorded.

The mechanics of the tree are assessed and noted. Notable defects are recorded; buckling, rib formation, stresses, bulges, soil cracks, large cavities or wounds, tight branch junctions, etc. are recorded.

Preliminary management recommendations

Tree management is recommended following the assessment of physiological and structural condition. Recommended works may include, no work required, crown reduction, crown lift, fell, crown thin, monitor etc.

Estimated remaining contribution in years

An estimate of remaining life expectancy recorded in years. Estimated remaining contribution is made using experience considering the structural and physiological condition of the tree, nuisance, previous management, etc.

Category grading and colour coding on plan

A (Green square) high quality and value

- B (Blue square) moderate quality and value
- C (Grey square) low quality and value
- U (Red Square) those that cannot be retained as living trees



Sub categories

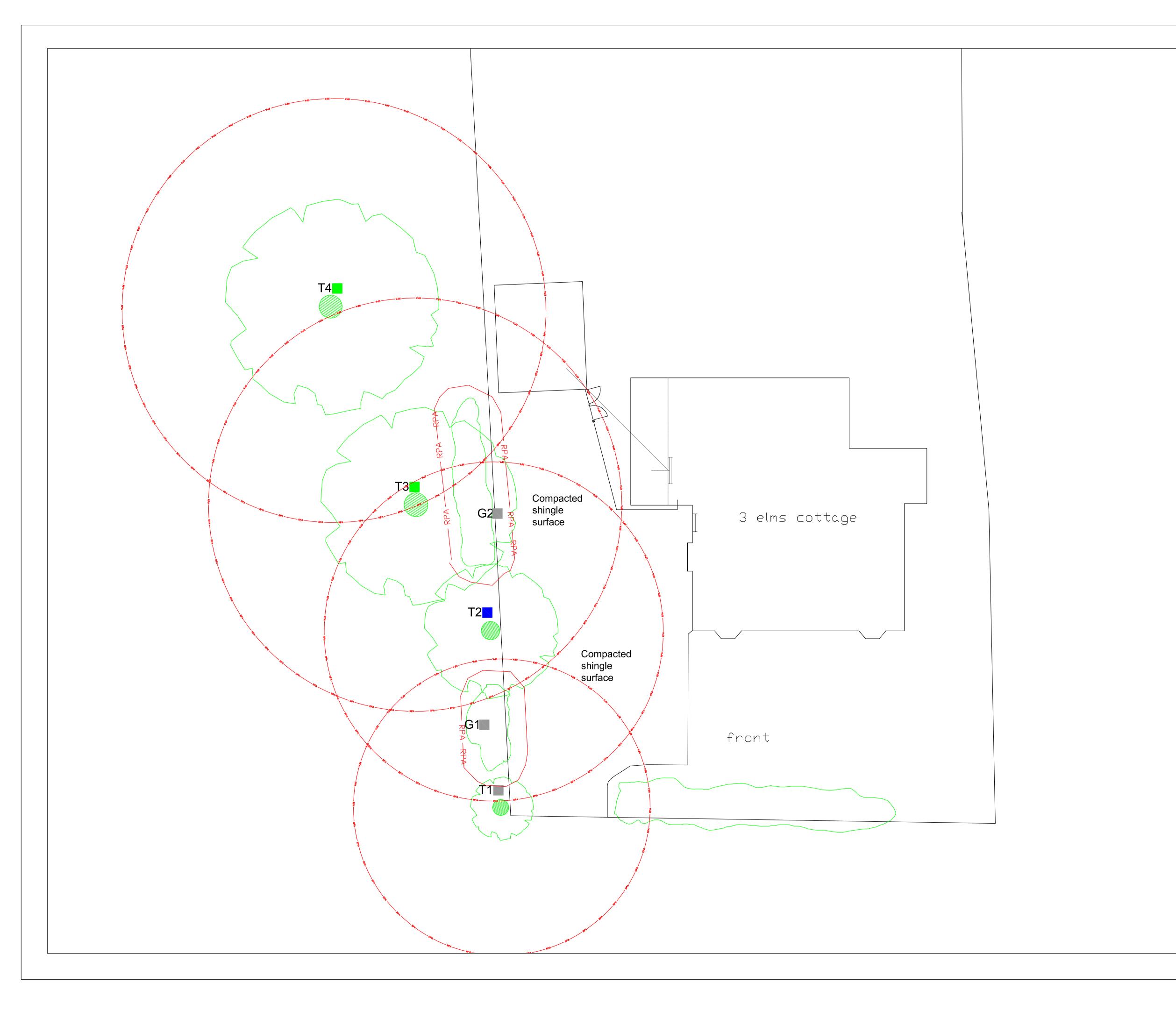
- 1 arboricultural values
- 2 landscape values
- 3 cultural values, including conservation

Works priority

- 1 Works required immediately to make the tree safe
- 2 Works required within 60 days
- 3 Works required as part of routine operations
- 0 no works required



Appendix 2 Tree survey and constraints plan



Legend:	
Tree reference	· T-1
Tree and crown spread	
Root protection area	Roy RPA
BS 5837 Retention Category A	· T 1
BS 5837 Retention Category B	
BS 5837 Retention Category C	
BS 5837 Retention Category U	· T 1
Notes: This drawing was produced in colour; a monochrome copy should not be relied upon.	
Project: 3 Elms Cottage, Old London	Rd, Copdock
Drawing Title: Tree Survey and Constrain	nts Plan
TPS Arboricultural Consu	Itancy
25 Frietu Frinton C Essex CO130QI	na Road Dn Sea
E info@t	7813204621 reeplanningsolutions.co.uk reeplanningsolutions.co.uk
Date: 22nd April 2023	
Scale: 1:100 @ A1	
Drawing Number: TPSQU0040 TSCP	



Appendix 3 Barrier construction profile

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Diagram 1 Weldmesh panels with block supports pegged to brace light impact

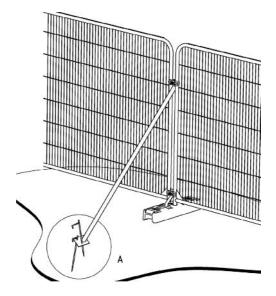
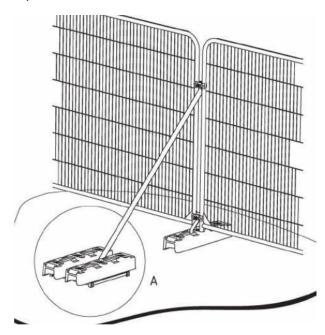
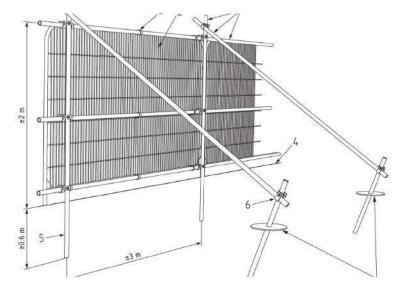


Diagram 2 Weldmesh panels with block supports and further block supports to brace intermediate impacts



TPS

Diagram 3 Weldmesh panels with scaffold frame posts driven into the ground to brace heavy impacts





Appendix 4 Example of informative to be placed on barrier

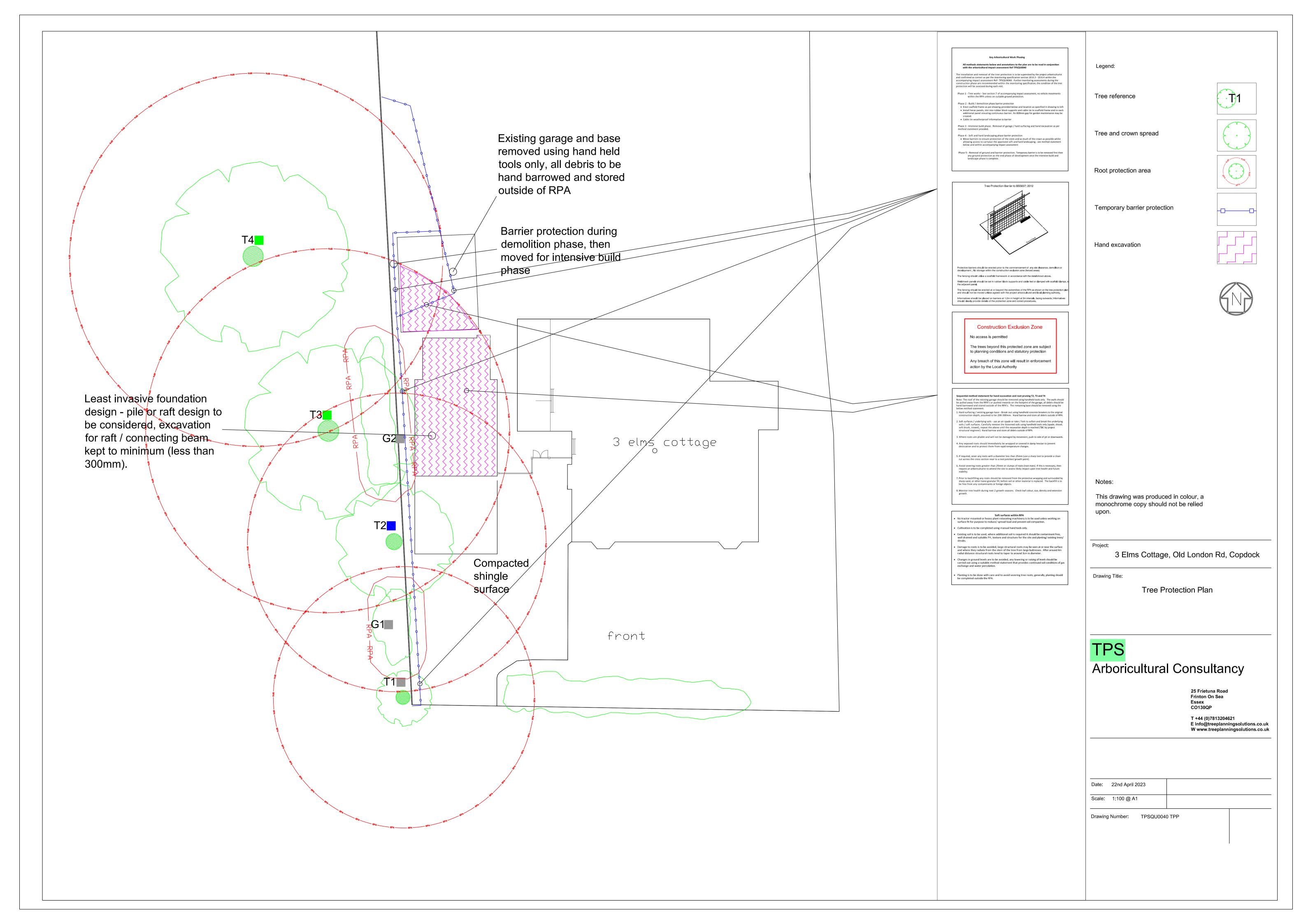
Construction Exclusion Zone

These trees have been retained and protected as part of the planning permission for this site.

Any breach of the protection will result in enforcement action from the Local Authority.



Appendix 5 Tree protection plan





Appendix 6

Example of arboricultural monitoring form

Contract Monitoring Form

Details

Date	
Time	
Surveyor	
Surveyor Client	
Site	
Ref	

Trees

Tree ref	Condition	Recommendations

Barrier

Tree ref	Barrier type	RPA radial distance as per planning permission	Actual barrier radial distance at site	Condition of barrier	Condition of signage	Comments

Tree Planning Solutions Contract Monitoring Form 001

Ground Protection

Tree ref	Type of ground protection installed	RPA distance as per planning permission	Actual distance of ground protection at site	Condition of ground protection	Comments

Additional Comments

Tree Planning Solutions Contract Monitoring Form 001