

Appendix 1 Tree survey and explanatory notes

Tree Survey Schedule

Site: 524 St Johns

Road 31/08/2023 Date of Survey: Arboricultural Consultant/Surveyor: J Choat Weather:

Cleary, dry, light wind

					Ві	ranch	spre	ad									
Tree ref	Species Common and Scientific	Height in m	Stem diameter in mm	Radial distance required for RPA	N		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	Oak Quercus robur	18	890	10.68	8	8	8	8	5	M	Bare soil	High	Good condition. Pruning wound at 2m, occluded well. Recent large branch tear wound at 4m.	None	0	30	A1
T2	Oak Quercus robur	12	300	3.6	8	8	8	8	5	M	Bare soil	High	Suppressed crown.	None	0	30	C1
Т3	Oak Quercus robur	12	450	5.4	8	8	8	8	5	M	Bare soil	High	Lower stem buried in sand, unable to assess lower crown. Leaves and crown appeared full and healthy for time of year.	Remove sand from base.	0	30	B1
T4	Oak Quercus robur	18	720	8.64	8	8	8	8	5	М	Bare soil	High	Good condition. Damage to primary lateral at 4m.	None	0	30	A1
G1	Oak Quercus robur	17	600	7.2	6	6	6	6	5	M	Bare soil	High	Group of 9 trees all sharing crown. Assessed as a group. Recent concrete bases placed within PPA. Crown raised on all	None	0	30	A1/2
T5	Oak Quercus robur	18	500	6	8	8	8	8	5	М	Bare soil	High	3rd party, unable to assess	None	0	30	A1
Т6	Oak Quercus robur	17	610	7.32	8	8	8	8	5	M	Bare soil	High	Stem forks at 1m, rib formed at union. Wound on southern stem at 3m	None	0	30	A1
T7	Monterey Cypress Cupressus macrocarpa	18	500	6	3	3	3	3	4	M	Bare soil	Moderate	Fair condition. Suppressed crown. Leaning stem. Concrete pad within RPA.	None	0	20	C1
Т8	Monterey Cypress Cupressus macrocarpa	5	600	7.2	3	3	3	3	4	M	Bare soil	Moderate	Topped at 2m, with 1 lateral remaining and extending to 5m.	Fell	3	10	C1
Т9	Monterey Cypress Cupressus macrocarpa	18	700	8.4	3	3	3	3	4	M	Bare soil	Moderate	Significant wound on eastern aspect, remaining stems likely to fail.	Fell	3	5	C1
T10	Oak Quercus robur	15	380	4.56	4	4	4	4	2	EM	Bare soil	High	Good condition. Close proximity to existing dwelling.	None	0	20	B1

G2	Monterey Cypress	15	450	5.4	3	3	3	3	2	M	Bare soil	Moderate	Multi stem. Rooted on	Fell	0	15	C1
	Cupressus												boundary. Close planting centres				
	macrocarpa												for wide spreading tree.				



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:

Y Young

EM Early Mature

M Mature

OM 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





Appendix 3 Barrier construction profile

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

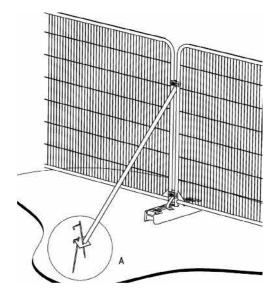


Diagram 2 Weldmesh panels with block supports and further block supports to brace intermediate impacts

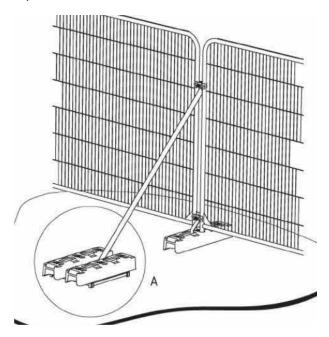
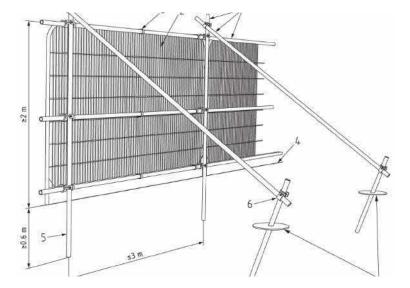




Diagram 3 Weldmesh panels with scaffold frame posts driven into the ground to brace heavy impacts





Appendix 4 Example of informative to be placed on barrier

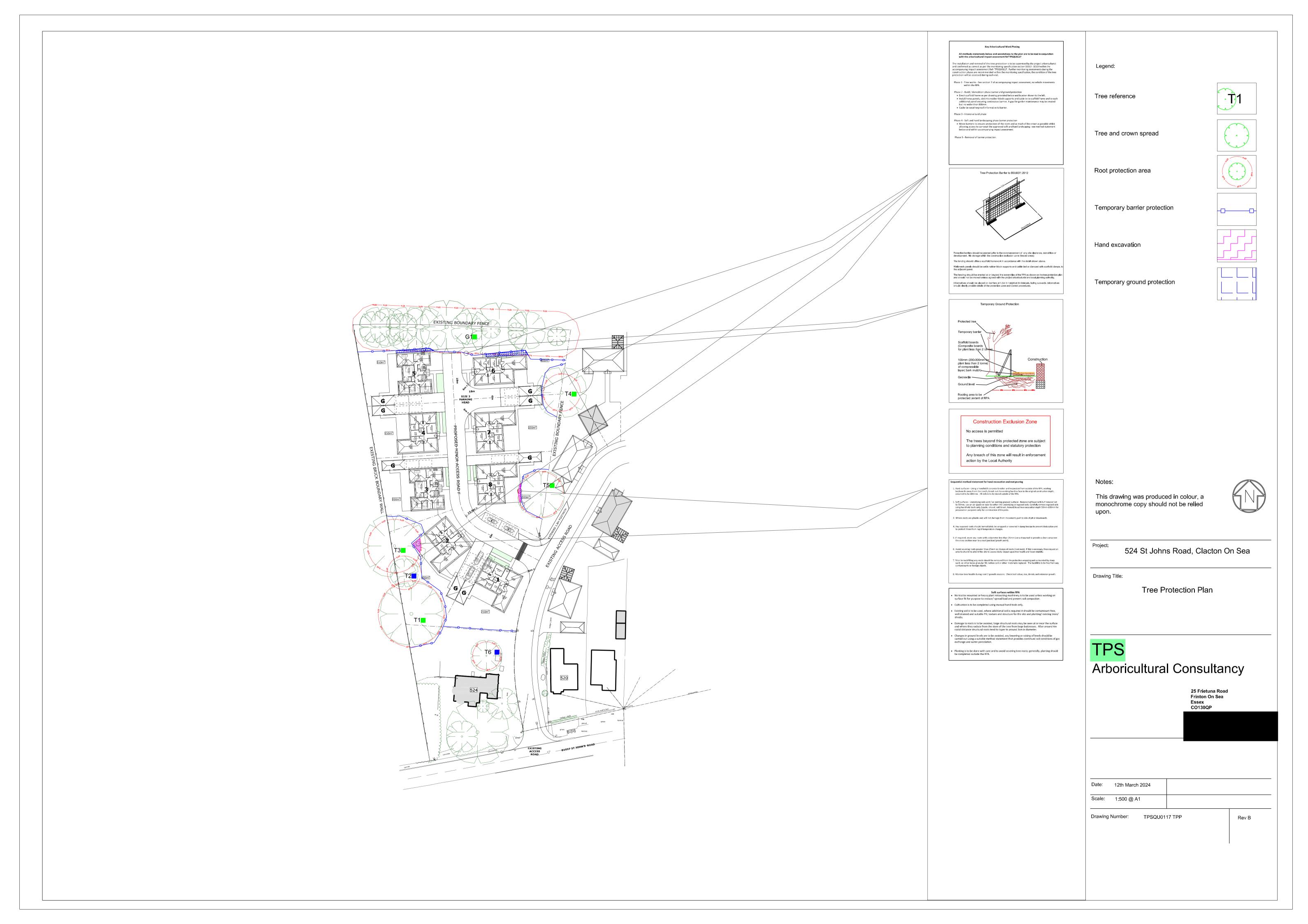
Construction Exclusion Zone

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

Tree Planning Solutions

Contract Monitoring Form

Details

Date	
Time	
Surveyor	
Client	
Site Ref	
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

Tree Planning Solutions

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	