

Appendix 1 Tree survey and explanatory notes

Site: Date of Survey: Arboricultural Consultant/Surveyor: Weather:

# Land adj 1 High Street Lesiton 02/12/2022 Rev 09 02 24 J Choat Overcast/light wind

							Bra	anch	spread									
			Stem		dista	nce				crown					Preliminary		remaining	
Tree		Height	diameter in		require	ed for				clearance	Age	Ground	Water		management	Works	contribution in	Categor
ref	Species	in m	mm	RPA in M2	RP	Α	Ν	Ε	S V	V in m	class	condition	demand	Observations	recommendations	urgency	years	grading
														Lapsed pollard with veteran associations (decay column, fungus, deadwood). 1 Pollard				
															Sever ivy around base			
														Old decayed fungal fruit body within pollard head and at base, likely <i>Fistulina hepatica</i> ,	from ground level to			
														evidence of cubical brown rot. Low epicormic / lower crown. Recent high pollard / crown	1m up stem, do not			
	Oak Quercus											Grass / Bare		reduction, good vigorous regrowth at pruning point (15-25cm extension growth), good	remove lower crown /			
T1	robur	17	1600	1158.26688	19.	2	6	6	6 6	5 1-2	М	soil	High	inner crown as a result of crown reduction. Ivy clad stem.	epicormic growth.	3	30+	A2/3
	Holly <i>llex</i>											Grass / Bare			Do not allow to			
T2	aquifolium	3	100	4.52448	1.2	2	1	1	1 1	L 1	Y	soil	Low	Good condition.	compete with Oak.	3	10+	C1
	Sycamore Acer											Grass / Bare						
Т3	pseudoplatanus	15	280	35.4719232	3.3	6	3	3	3 3	3 2	EM	soil	Moderate	Compression fork at 3m.	None	0	20+	C1
															Sever ivy around base			
	Ash <i>Fraxinus</i>											Grass / Bare			from ground level to			
T4	excelsior	13	300	40.72032	3.6	5	3	3	3 3	3 2	EM	soil	Moderate	Ivy clad unable to assess.	1m up stem.	3	20+	C1

Estimated

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#### **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

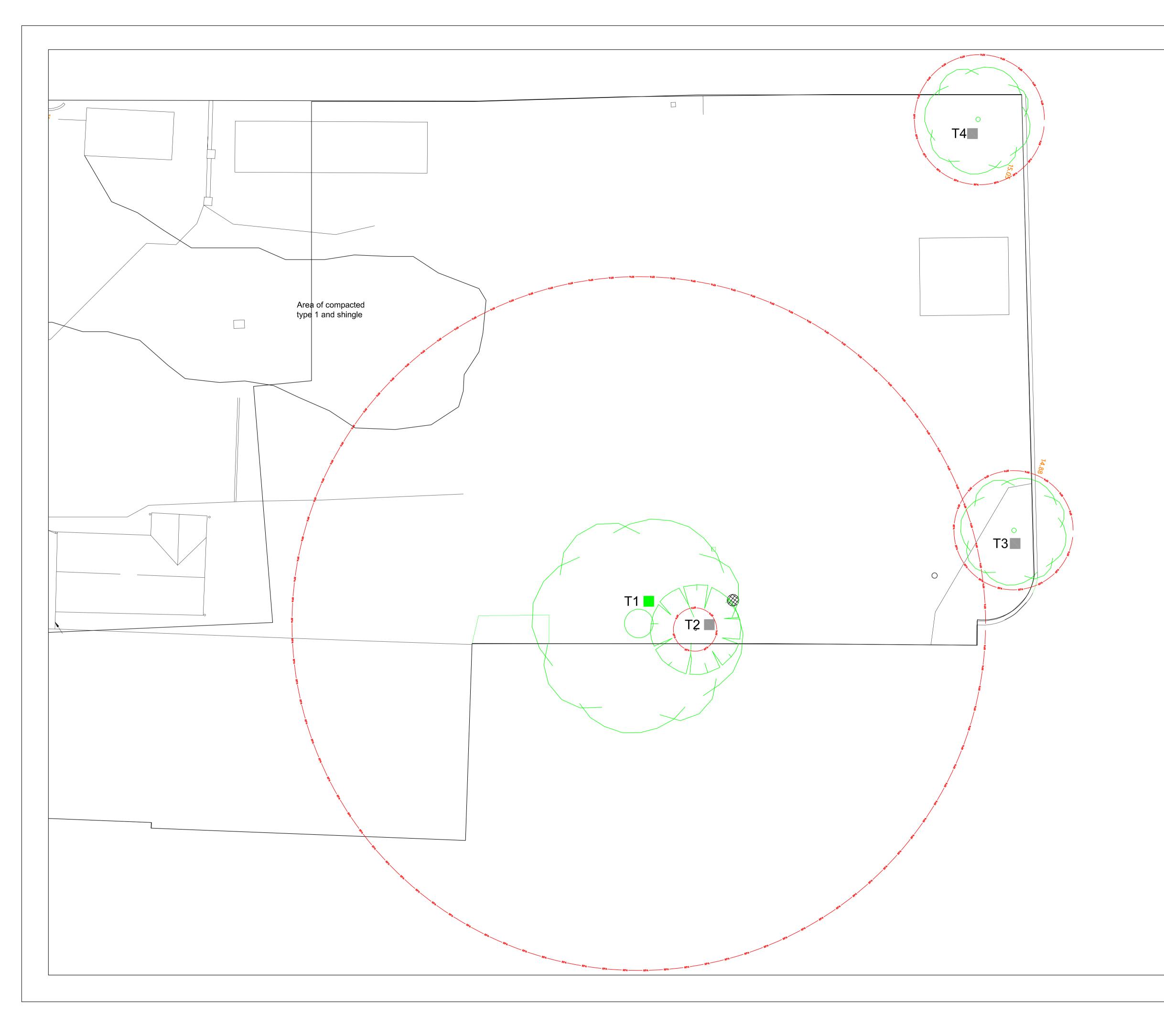
- 1 arboricultural values
- 2 landscape values
- 3 cultural values, including conservation

#### 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		· <b>T</b> · <b>1</b>
Tree and crown spread		
Root protection area		Ro RPA
BS 5837 Retention Category A		· ] 1
BS 5837 Retention Category B	-	
BS 5837 Retention Category C	•	<b>T</b> 1
BS 5837 Retention Category U	•	Ţ1
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This drawing was produced in c monochrome copy should not be upon. Project: Land adj 1 High S Drawing Title:	e relied Street, Leis Constraints	Plan
This drawing was produced in c monochrome copy should not be upon. Project: Land adj 1 High 3 Drawing Title: Tree Survey and C	e relied Street, Leis Constraints	Plan
This drawing was produced in c monochrome copy should not be upon. Project: Land adj 1 High 3 Drawing Title: Tree Survey and C	e relied Street, Leis Constraints Onsulta 25 Frietuna F Frinton On St Essex CO130QP T +44 (0)7813 E info@treep	Plan Ancy Road
This drawing was produced in c monochrome copy should not be upon. Project: Land adj 1 High 3 Drawing Title: Tree Survey and C	e relied Street, Leis Constraints Onsulta 25 Frietuna F Frinton On St Essex CO130QP T +44 (0)7813 E info@treep	Plan Ancy Road ea
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#### Appendix 3 Barrier construction profile

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

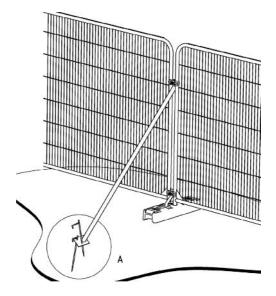
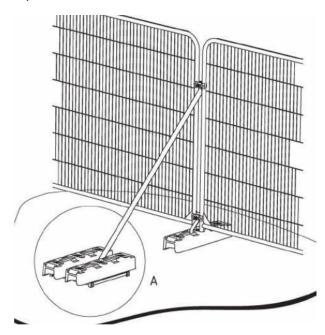
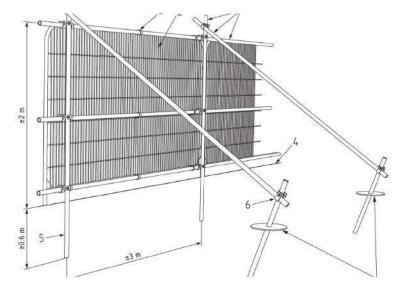


Diagram 2 Weldmesh panels with block supports and further block supports to brace intermediate impacts



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

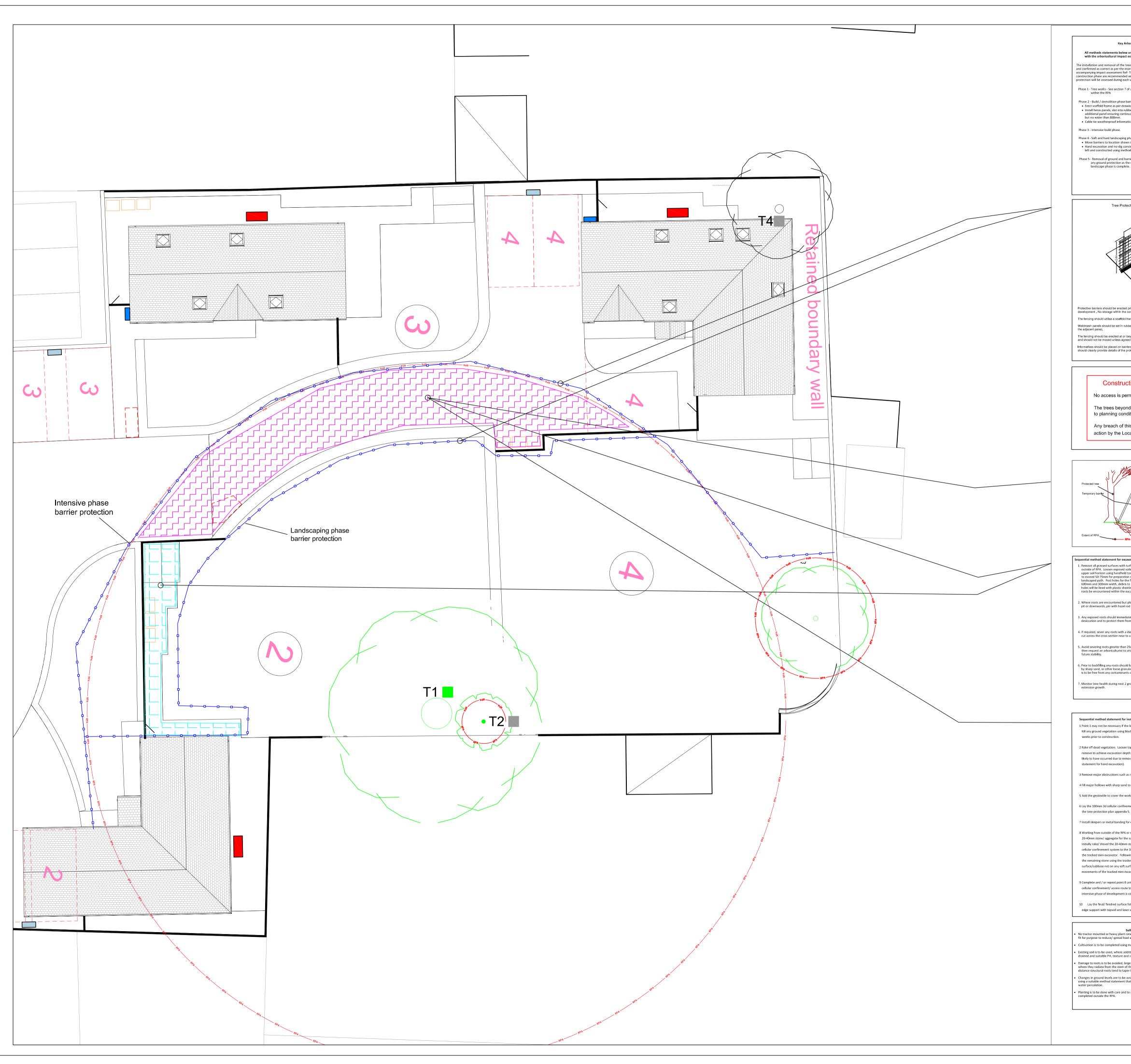
# **Construction Exclusion Zone**

# 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



oricultural Work Phasing nd annotations to the plan are to be read in conjunction sessment Ref TPSarb7751122 e protection is to be supervised by the project arboriculturist hitoring specification section 10.8.3 - 10.8.4 within the	Legend:	
PSarb7751122. Further monitoring assessments during the ithin the monitoring specification, the condition of the tree isit. accompanying impact assessment, no vehicle movements		
er protection provided below and location shown to left t block supports and cable tie to scaffold frame and to each us barrier. A gap for garden maintenance may be created t o barrier	Tree reference	
se barrier protection drawing to the left (landscaping phase barrier protection) uction as per drawing provided below, location shown to statement below. r protection. Temporary barrier is to be removed first then nd phase of development once the intensive build and	Tree and crown spread	
on Barrier to BS5637: 2012	Root protection area	Ray gpA
	Temporary barrier protection	-00-
Counting	Hand excavation / preparation of levels and no-dig construction	
In to the commencement of any site clearance, demolition or struction exclusion zone (fenced areas) ework in accordance with the detail shown above. block supports and cable tied or clamped with scatfold clamps, to ind the extremilities of the RPA as shown on the tree protection plan with the project arboriculturist and local planning authority. at 1.5m in height at 3m intervals, facing outwards, Informatives	Hand excavation hard landscping features	
on Exclusion Zone	Tree to be removed	
itted this protected zone are subject ions and statutory protection zone will result in enforcement I Authority		
No dlg construction profile above ground level		
on within the RPA. emover set at 50mm, hand barrow and store all turfs with air spade or fork / rake. Carefully remove topsoil / sonly (spade, shovel, soft brush, trowel). Excavation not levels only for the no-dig, shed base and hard ncing will be hand excavated to a depth not exceeding e hand barrowed and stored outside of the RPA. Post t to prevent leaching of cement into the soil, should ataed post hole pit, step 2 onwards will be applied. ble and will not damage from movement, push to side of nd cover with minimum of 50mm of soil.	Notes: This drawing was produced in colou monochrome copy should not be rel upon.	
y be wrapped or covered in damp hessian to prevent rapid temperature changes. neter less than 25mm (use a sharp tool to provide a clean oot junction/growth point). im or clumps of roots (root mats). If this is necessary, nd the site to assess likely impact upon tree health and	Project: Land adj 1 High Str	reet, Leiston
e removed from the protective wrapping and surrounded fill, before soil or other material is replaced. The backfill foreign objects. wth seasons. Check leaf colour, size, density and	Drawing Title: Tree Protection	n Plan
allation and construction of no-dig surface. vels have been prepared as above for hand excavation. plastic sheets laid over existing soft surface for around 12		
soil / leaf litter with air spade or rake and carefully .50mm for preparation of levels only (some excavation I of type 1 surface within RPA, see above method scks or old tree stumps.	TPS Arboricultural Cor	nsultancy
repare a levelled flat surface. 1g area. 1t system directly on to the geotextile as detailed within	F	5 Frietuna Road rinton On Sea ssex
dge support with use of surveyors pegs as support fixings. uitable ground protection as described in section 8, tip the b-base just before the start point of the cellular system. ne for the first 2-3m of the area into place covering the 0mm depth, compact and bind using movements from	T	:O130QP +44 (0)7813204621 info@treeplanningsolutions.co.uk V www.treeplanningsolutions.co.uk
the first 2-3m of construction of the access, then push mini excavator working directly on the newly created e.e. compacting and binding as the surface is laid using stor.		
the first 2-3m of construction of the access, then push mini excavator working directly on the newly created ze, compacting and binding as the surface is laid using	Date: 26th March 2024	



## 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