

Tree Protection Plan

And

Proposed siting of new trees

For

220138 Chestnuts, 2c Coley Avenue, Reading

Tree Survey Data

In accordance with BS 5837:2012, the characteristics of trees over 75mm stem diameter measured at 1.5m above ground level have been recorded and they have been categorised in accordance with BS5837. The following tree data tables should be read in conjunction with the annotated site plan shown at Appendix 1

Tree	Height	Trunk Diameter	Radial Crown Spread	Crown Clearance	Life Stage	Physiology	Structure	Landscape Value	Est. Years	Comments	Category	RPA Radius	RPA m2
T1 Plum	8m	125 mm 130 mm	N5m E3m S1.2m W4.5m	1m	SM	Poor	Poor	Low	20+	Twin stemmed from ground level. Ivy clad. Suppressed by T2 and T3;	C (2)	2.2m	14.7m
T2 Sycamore	12m	450 mm over ivy	N3.2m E4m S6.5m W6m	W 2m	SM	Good	Poor	High	40+	Self set tree, clad in dense ivy which limited the assessment. Suppressed crown shape. Very close to adjacent boundary wall - is likely to cause direct damage as the tree matures. Recommend: girdle ivy	B (1)	5.4m	91.6m
T3 Sycamore	12m	300 mm	N3.6m E3m S1m W4.5m	W 3m	SM	Good	Poor	High	40+	Self set tree, clad in dense ivy which limited the assessment. Suppressed crown shape. Very close to adjacent boundary wall - is likely to cause direct damage as the tree matures. Recommend: girdle ivy.	B (1)	3.6m	40.7m

Key to terms.

- Identification numbers have been used and correspond to the site plan shown at Appendix 1.
- Vegetation type has been categorized as one of the following: Tree (T), Hedge (H), Shrub (S), Group (G), Stump (ST)
- Species are listed by common and botanical name where appropriate.
- Where possible, measurements have been made in accordance with the conventions detailed below. Where this was not possible, due to site conditions or the vegetation being in third party ownership, dimensions have been estimated. * Indicates estimated measurement.

- Height has been estimated to the nearest half metre.
- Stem diameter (of single stem trees and multi stemmed trees) has been measured at 1.5m and recorded in millimetres. Where this was not possible the actual height where the diameter was measured is recorded. GL = Ground Level.
- Crown spread has been recorded in metres.
- Age class has been recorded as follows:

Y	Young recently planted or establishing tree that could be transplanted without specialist equipment, i.e. up to 12-14cms-stem girth.
S/M	Semi mature. An established tree but one that has not reached its potential ultimate height and has significant growth potential.
E/M	Early mature. A tree reaching its ultimate potential height, whose growth rate is slowing down but will increase in stem diameter and crown spread, and has a safe life expectancy.
M	Mature. A mature specimen with limited potential for any significant increase in size but with a reasonable safe life expectancy.
O/M	Over mature. A senescent or moribund specimen with a limited safe life expectancy. Possibly also containing significant structural defects with attendant safety and/or duty of care implications.
- Physiological Condition has been recorded as Good, Fair or Poor.
- Recommendations for tree management have been based on current Arboricultural Best Practice as set out by the Arboricultural profession and all relevant publications

Appendix 1 - showing Tree Protection Plan and proposed new planting

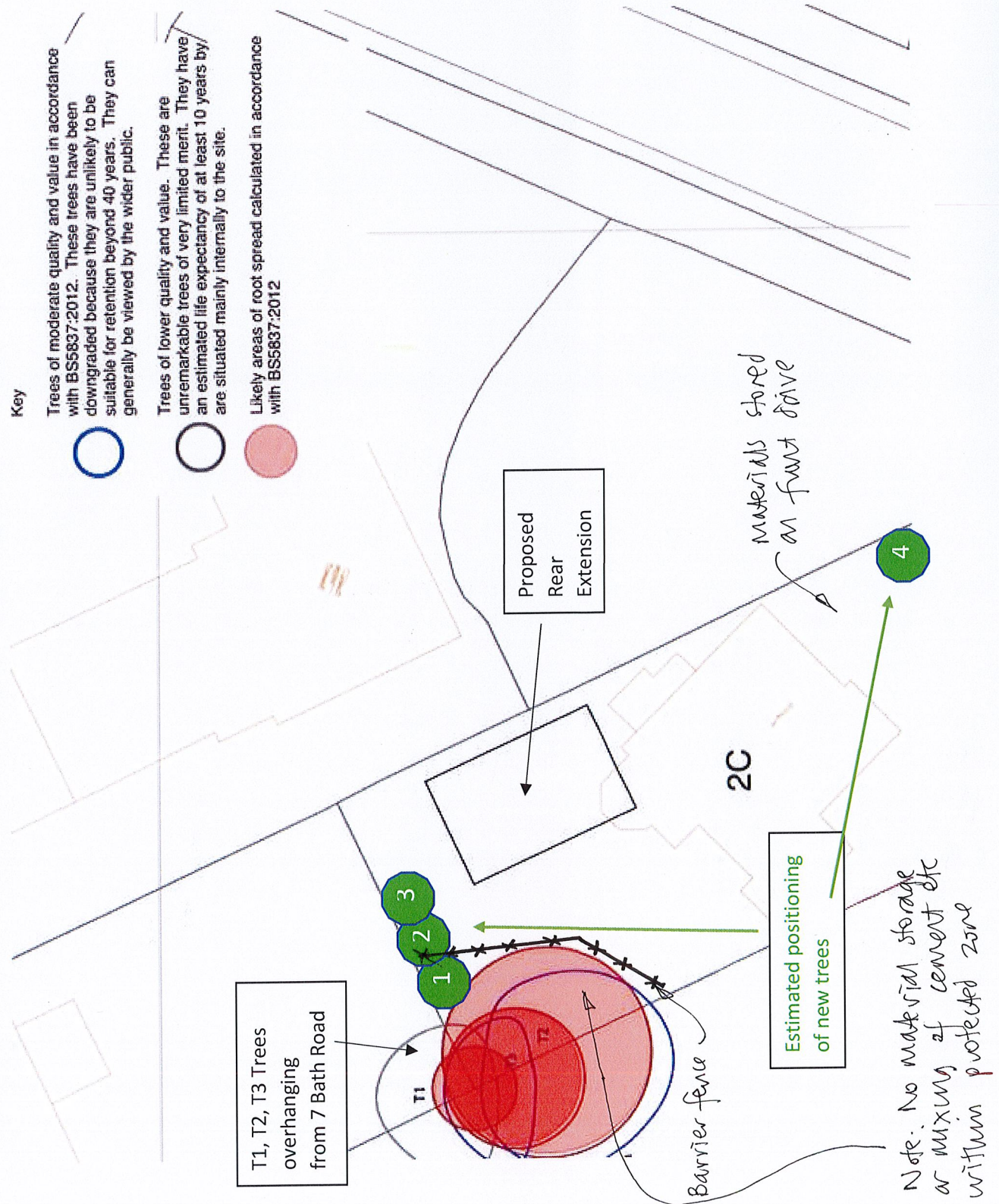


Figure 2

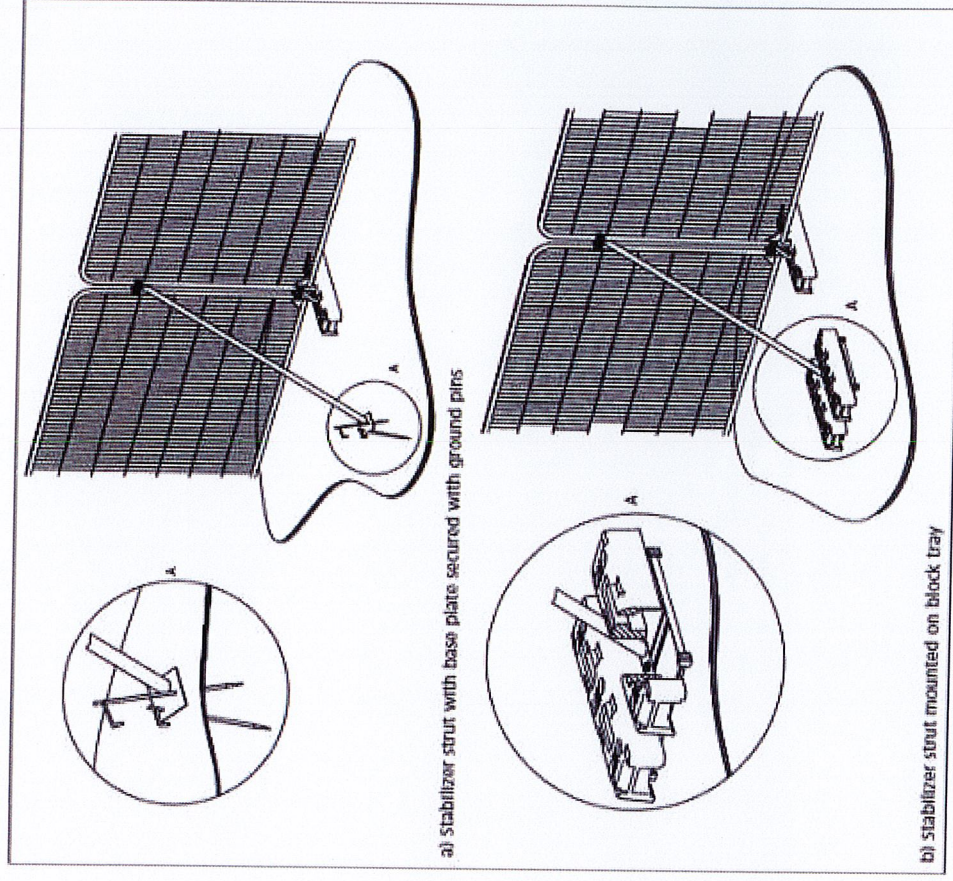
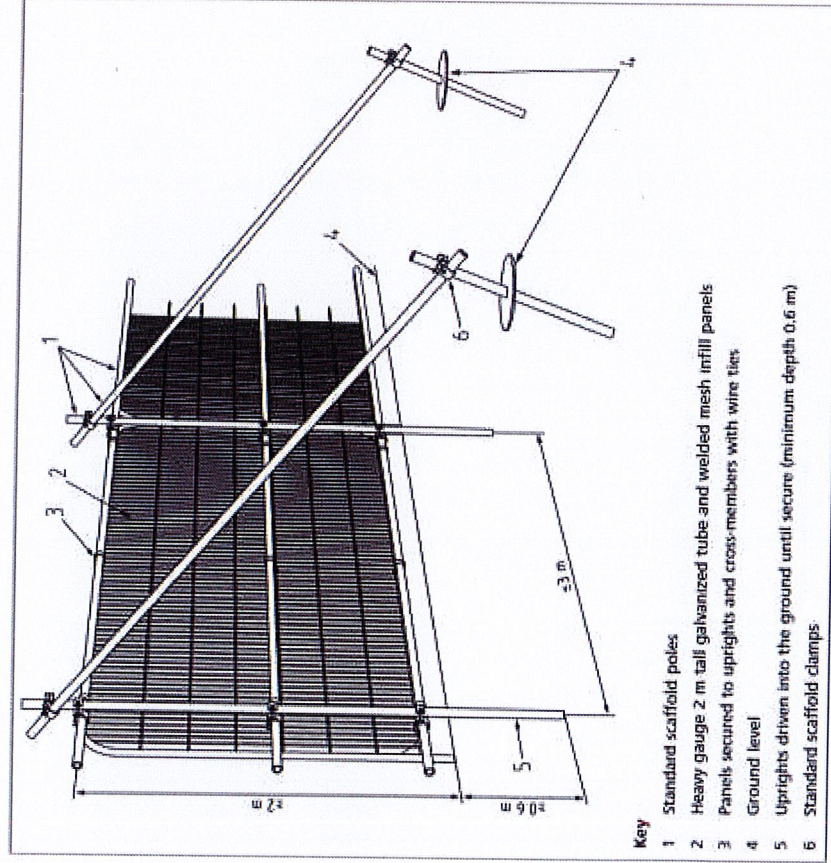


Figure 1 – Default specification for protective barrier



Tree barrier to be erected on line of max root spread.

References

- British Standards 5837:2012 Trees in relation to design, demolition, and construction – Recommendations
- British Standards 3998:2010 Tree Work Recommendations
- NJUG 4 Vol 10 – NJUG Guidelines for the Planning, Installation, and maintenance of Utility apparatus in proximity to tree