

TREE SURVEY SCHEDULE TO BS 5837: 2012, N/A = NOT APPLICABLE (*trees growing on adjacent land - surveyed from within the site only) Columns: sequential tree reference numbers (T1, T2, T3 etc), Common and botanical name (e.g. Common oak, *Quercus robur*), Life stage (Dead, Young, Semi-mature, Maturing, Mature, Over-Mature, Veteran), Est. height (e.g. 18m), Potential ultimate height (e.g.≥ 25m), Canopy spread (N, E, S, W), % Est. spread (e.g. at ≈ 80%), Stem ø (e.g. 600mm), RPA (Root Protection Area e.g. 163m²), RPAr (Root Protection Area radius from the centre of the stem e.g 7.2m), Height to 1st branch over the site and to the lowest foliage over the site - at the extremity of the canopy spread (e.g. 2.5m and 2.2m). Physiological and structural condition (e.g. A moderate quality landscape tree; no structural defects noted from ground level). Management recommendations regardless of a development (e.g. remove dead branches ≥ 50mm ø), Est. remaining years (e.g. ≥ 40 years), Category and Sub category (e.g. A2), Colour (e.g. Light Green).

The tree survey was carried out in June 2023. NB: before carrying out any recommended tree works; checks must be made with the Local Planning Authority (LPA) regarding Tree Preservation Orders (TPOs)/Conservation Areas (both of which afford protection to trees).

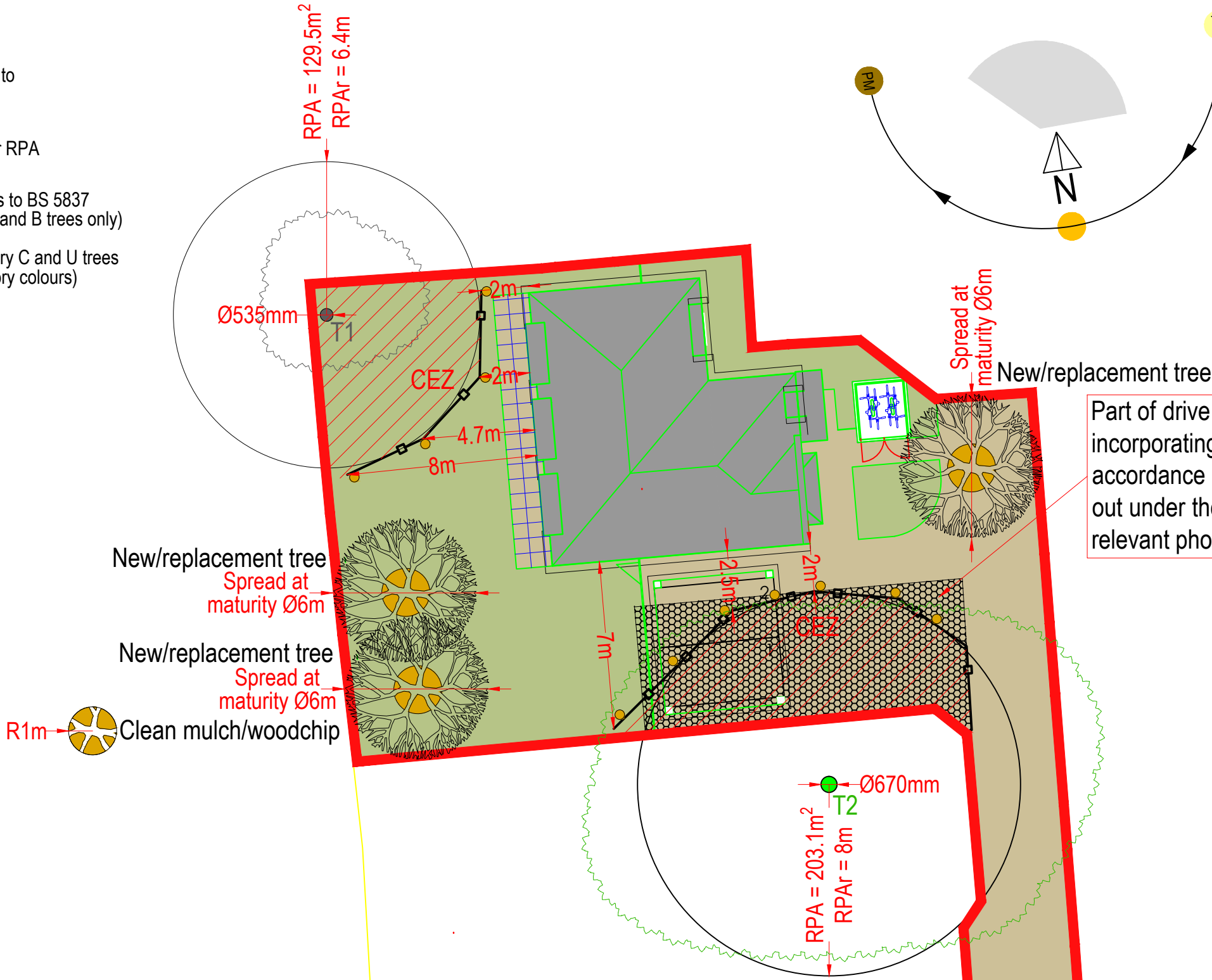
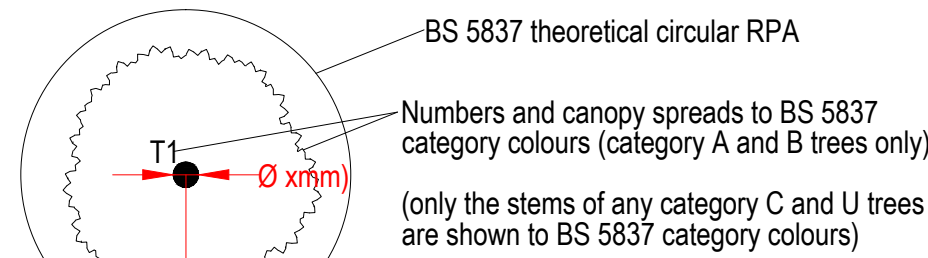
TNº:	Common name (botanical name in brackets):	Life stage:	Est height = (m):	Potential ultimate height (2m):	Canopy spread (N.E.S.W):	≈ % Est. Spread:	Stem Ø (mm):	RPA(m ²):	RPAr(m):	Height to 1st branch and foliage over the site = (m):	Physiological/structural condition - at the time of the survey and from ground level:	Tree management recommendations at the time of the survey - regardless of a development (where present, Ivy should be cut round the stem at the base of the tree; KJF consultancy Ltd must be informed of any defects while implementing any recommendations that are not visible from ground level):	Est. remaining years (≥ 40 ≥ 20 ≥ 10 <10):	Category/sub category (A, B, C, 1, 2, 3, U):	Colour (canopy/ stem):
T1	WESTERN RED CEDAR (<i>Thuja plicata</i>)	MATURING	16	18	SEE PLAN	≈30%	SEE PLAN	SEE PLAN	SEE PLAN	2 AND 3	A LOW QUALITY LANDSCAPE TREE-TWIN-STEMMED AT 1.6m AND UNBALANCED CANOPY.	NONE	≥ 40	A1	GREEN
T2	PURPLE BEECH (<i>Fagus sylvatica f. purpurea</i>)	MATURE	20	22	SEE PLAN	≈95%	SEE PLAN	SEE PLAN	SEE PLAN	7.3 AND 8	A HIGH QUALITY LANDSCAPE TREE.				

KEY:

RPA = Root Protection Area (x m²)

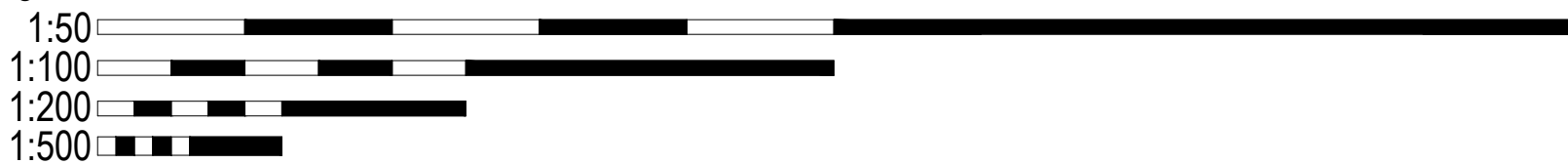
RPAr = RPA radius from the centre of the stem (x m)

The T/G numbers, stems, and canopy spreads are all coloured to match the BS 5837 category of the trees (as illustrated below)



Part of drive and parking bays within RPA of T2 constructed as no-dig incorporating CellWeb, a 3D Cellular Confinement System installed in accordance with the manufacturers recommendations. Works carried out under the supervision of an Arboricultural Consultant who will take relevant photographs that will be emailed to the LPA.

Scale bars at 1m, 5m, and 10m lengths:



THIS PLAN IS APPENDIX 1 OF THE REPORT BY KJF CONSULTANCY LTD DATED 05.07.23 (REF:- TR.V1.7VR.CF.E). COPIES OF THIS PLAN MUST BE KEPT ON SITE AT ALL TIMES.

KEY and LEGEND:

Location of protection barriers ——— 3.5m sections of Heras Fencing.

Construction Exclusion Zones (CEZ).

Buildings/structures to be demolished - - - - - if required.

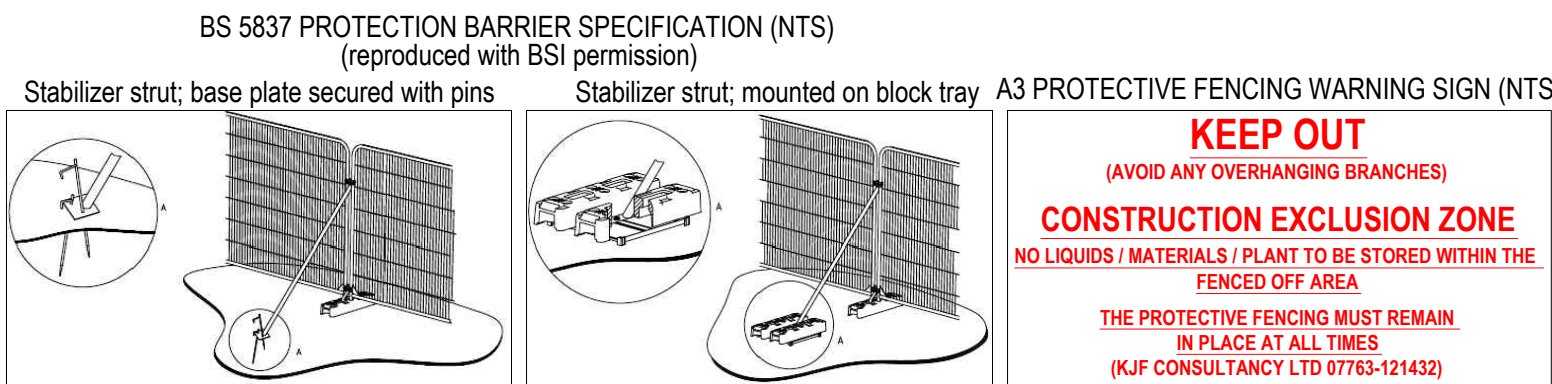
Ground protection (if placed) for construction staff only.



Ground protection areas (if placed) for construction traffic >2t gross weight.

metal plates

No-dig, CellWeb, 3D Cellular Confinement System (if placed). Buckets of clean sand to soak up spills



Main Contacts:	Contact Details:
LPA Case Officer	Tel Mob
LPA Tree Officer	Tel Mob
Architect	Tel Mob
Contract Manager	Tel Mob

Arboricultural Method Statement (AMS)

Declaration by the Contract Manager

I confirm that prior to any demolition/construction works, all contractors/sub-contractors will be made aware of the following information:-

Contract Manager Signed Date

- Any tree damage must be report to the Contract Manager immediately.
- Where placed, barriers (that form CEZs), warning signs and ground protection must remain in place at all times unless otherwise agreed with the Local Planning Authority.
- Chemicals/liquids/materials/plant/vehicles must not be placed behind barriers. Chemicals/liquids (excluding clean water) must not be placed on any ground protection.
- Excavations must not be made below ground protection or within CEZs. Site levels must not be changed below ground protection or within CEZs.
- Care must be taken to avoid any contact with branch tips/branches/stems when using machinery/plant.
- Fires on sites should be avoided. Where they are unavoidable, they should not be lit in a position where heat could affect foliage, branches or stems. The potential size of a fire and the wind direction should be taken into account when determining its location and it should be attended at all times until safe enough to leave.
- Cementitious wastewater (washwater) is caustic and considered to be corrosive with a pH over 12, essentially the same as Ammonia or other household cleaning detergents. Therefore, washwater must be disposed of on site down a foul drain or carefully taken off site in a container.

Agreement: Mr K J Forkasiewicz agrees to attend a pre-commencement site meeting (if a meeting is requested by the LPA; 72 hours' notice is required), and if required, act as an appointed Arboricultural Consultant, and carry out any required on site supervision/site visits. Following any on site supervision/site visits, the appointed Arboricultural Consultant will forward a Development Site Report to the LPA Tree Officer by email, with photographs, as a record of the audited system of Arboricultural site monitoring.

PHASE 1 (PRE-CONSTRUCTION WORKS)

ARBORICULTURAL CONSULTANT: if applicable, the LPA will be informed in writing (i.e. by email) that an Arboricultural Consultant has been appointed. Any works adjacent to trees that require on site supervision by an Arboricultural Consultant are detailed within the plan and this method statement.

TREE WORKS REGARDLESS OF THE DEVELOPMENT: none recommended.

ACCESS FACILITATION PRUNING/TREE WORKS - TO IMPLEMENT THE PLANNING PERMISSION: none required.

SITE CLEARANCE/DEMOLITION WORKS WITHIN RPAs AND TO PLACE PROTECTION MEASURES: any hard landscaping/shrubs/hedges/vegetaion/timber structures that need to be removed to place any protection measures will be removed using hand tools only and all *arising will be **barrowed away/and or carried away and removed from site. Where necessary, apart from the upper 50mm of the existing ground within RPAs being removed using hand tools only (all arising being barrowed away/and or carried away and removed from site), no changes to levels will be made within any RPA.

TREE PROTECTION MEASURES: where shown within the plan, protection barriers to BS 5837 will be placed (Heras fencing to form CEZs; a specification for the barriers is contained within the plan. To enable accurate setting out of the barriers, dimensions are given. A warning sign will be placed on some of the barriers; an example is shown. The barriers will remain in place at all times until completion of the development, unless otherwise agreed with the LPA Tree Officer. If shown within the plan, ground protection will be placed to the following specifications (any hard landscaping/shrubs/hedges/timber structures that need to be removed to place the ground protection will be removed by hand - all arising will be barrowed/and or carried away and removed from site):-

For construction workers movements only, ground mats will be placed that will remain in place until completion of the development, unless otherwise agreed with the LPA Tree Officer.

To soak up any accidental spills; buckets of clean sand will be placed where shown within the plan. If used, sand will be replaced in the bucket and the used sand will be removed from site and will be disposed of at a licenced waste management facility, in accordance with the Duty of Care for Waste Management.

PHASE 2 (CONSTRUCTION WORKS)

PRE-COMMENCEMENT SITE MEETING WITH TREE OFFICER: the LPA Tree Officer will be invited to attend a pre-commencement site meeting to inspect any tree protection measures placed and to discuss this method statement with the Contract Manager. Any proposed alterations to the CEZ will need to be discussed and agreed with the Tree Officer on site.

SITE VISITS BY ARBORICULTURAL CONSULTANT: not required.

ACCESS WITHIN THE SITE: the site will be accessed from Cypress Grove.

SITE CLEARANCE/DEMOLITION WORKS OUTSIDE RPAs: if carried out, all arising will be removed from site.

DEMOLITION WORKS WITHIN RPAs: not required.

CONSTRUCTION PLANT/VEHICLES ON SITE: all plant/vehicles on site will be placed outside all RPAs.

ON SITE ACCOMMODATION/OFFICE: not required.

EXCAVATIONS FOR FOUNDATIONS/SERVICES OUTSIDE RPAs: all arising will be barrowed away and removed from site.

EXCAVATIONS FOR FOUNDATIONS WITHIN RPAs: not required; no services will be placed within any RPA unless otherwise agreed with the LPA.

MATERIALS: all materials on site will be placed at least 5m from all RPAs. All liquids/chemicals brought on site will be placed in a secure container well away from all RPAs.

CONSTRUCTION WORKS: any mixing on site will be carried out at least 5m from all RPAs; cement/mortar will be barrowed around the site. All washwater will be taken off site in a secure container and disposed of at a licenced waste management facility, in accordance with the Duty of Care for Waste Management.

PHASE 3 (COMPLETION)

REMOVAL OF PROTECTION MEASURES/MATERIALS: all tree protection measures placed, and any temporarily stored arising/surplus materials, will be removed from site.

CONSTRUCTION OF DRIVE AND PARKING AREA WITHIN THE RPA OF T2: as shown within the plan, the part of the drive and the parking bays that fall within the RPA of T2 to be constructed as no-dig incorporating CellWeb, a 3D Cellular Confinement System that will be installed in accordance with the manufacturers recommendations. Information on CelliWeb (and the product), will be obtained from the manufacturer's website (www.geosyn.co.uk/product/cellweb-tree-root-protection). The works within the RPA will be carried out under the supervision of an Arboricultural Consultant who will take relevant photographs that will be emailed to the LPA.

NEW/REPLACEMENT TREE PLANTING: prior to occupancy, 3 new/replacement trees will be planted where shown within the plan, to the specification below:-

3 x Silver birch (*Betula pendula*) will be planted; the trees will be 'standard' sized containerised trees with a stem girth of 8-10 cm at 1m, a height of 2.5-3m, and clear stems to 1.75m-2m.

Prior to the trees arriving on site, all turf/weeds will be removed from the planting areas by hand or by using appropriate herbicides (COSH will be adhered to and operators must hold relevant Certificates of Competence) and the planting pits will be dug and the soil will be separated; the topsoil will be retained and re-used and any stones and debris will be removed.

While on site, the trees will be kept in a sheltered location at all times and will remain in their containers.

Any minor damaged branches will be pruned with secateurs; all labels/string must be removed.

The trees will be carefully removed from their containers, keeping the spoil intact around their roots, and placed in the planting pits held upright; the trees will supported with 1m x 50mm x 500mm treated timber stakes (not round tree stakes) driven into the ground to 700mm; no more than 300mm will be left above ground level. To allow for stem movement and thickening; ties will not be left tight against the stems.

Additional topsoil to BS 3882: 2015 will be added as necessary; the planting pit/soil will be lightly compacted by foot after planting; the trees will be planted to the 'nursery mark.'

Once planted, clean mulch/woodchip to a depth of 50mm will be placed on top of the soil within a radius of 1m; the mulch/woodchip will not be placed directly against the stem.

Unless the ground is wet at the time of planting; the planting pits will be irrigated after planting.

*If any arising from any works will be temporarily stored on site; the arising will be placed outside the RPA until removed.

**All barrows will be clean and free of contaminants and free of holes; barrows and tools will not be cleaned on site.

REVISIONS:		
DATE	DETAILS	REV:
29.10.23	3 new / replacement trees added as requested by the LPA Ecologist 16.10.23; the canopy spreads are shown as at maturity.	A

CLIENT: Regal Homes (South) Ltd		SITE: 7 Valley Road, Chandler's Ford, Eastleigh SO53 1GQ	
DRAWING TITLE: Appendix 1. Tree Protection Plan		DATE: 05.07.23	SCALE: 1:200 @ A1
DRAWN BY: K J Forkasiewicz	CHECKED BY: KJF	DRAWING No: TPP.V1.7VR.CF.E	REV: A