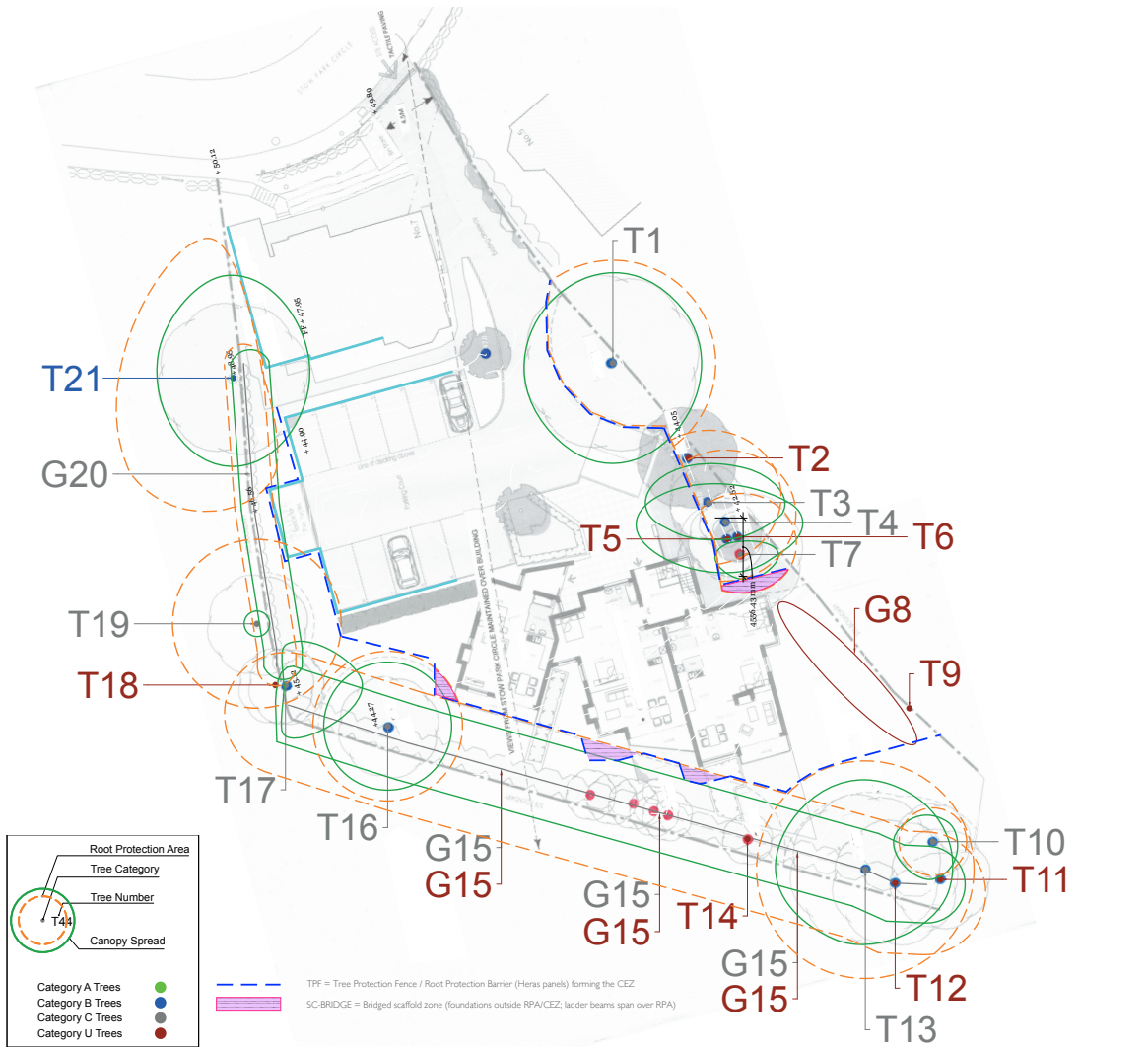
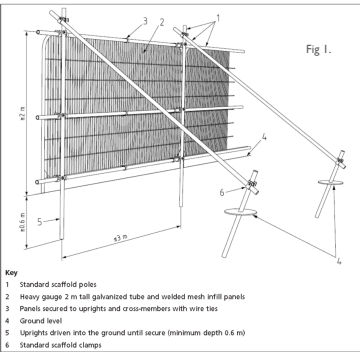


--- TPF = Tree Protection Fence / Root Protection Barrier (Heras panels) forming the CEZ.
--- SC-BRIDGE = Bridged scaffold zone (foundations outside RPA/CEZ; ladder beams span over RPA)



Fig. 2.



TREE PROTECTION PLAN (TPP) + ARBORICULTURAL METHOD STATEMENT (AMS) – IMPLEMENTATION NOTES

Planning Permission: 19/0420 (Variation of 120212) – Decision Notice 13 May 2021.

Conditions addressed by this document:

Condition 5: Tree protection Plan (TPP).

Condition 8: Root Protection Barrier (RPA) + signage + RPA restrictions.

Condition 9: Appointment of Arboriculturalist + Watching Brief.

Tree baseline: Treescene Arboricultural Consultants Updated Tree Report – Julian Wilks.

Tree numbering/RPAs: Tree Constraints Plan Rev A – Trees T1–T21 and groups G8, G15, G20.

Purpose: this drawing provides the tree protection measures and special measures enabling the appointed arboriculturalist to assess and report compliance.

Key Definitions (as shown on plan)

TPF = Tree Protection Fence / Root Protection Barrier (Heras panels) forming the CEZ

CEZ = Construction Exclusion Zone (no access except as noted)

RPA = Root Protection Area (dashed line)

SC-BRIDGE = Scaffold zone where scaffold bridges over RPA using ladder beams (no standards/ foundations in RPA/CEZ)

Project Arboriculturalist (Condition 9)

Project Arboriculturalist (to be agreed in writing by LPA prior to commencement):

Julian Wilks BSc.For, MSc.Land Man, MIC.For, TechArborA

Treescene Arboricultural Consultants -

treescene@treescene.co.uk -

029 2059 9300

<https://www.treescene.co.uk/>

Duties Include: To oversee the project (to perform a Watching Brief) for the duration of the development and shall be responsible for:

- Supervision and monitoring of the approved TPP;
- Inspect and "sign off" in writing and submit a copy of this to the Local Planning Authority stating that the protective fencing is in the correct location and is fit for purpose (first watching brief)
- Supervision and monitoring of the approved tree felling and pruning works
- Supervision of the alteration or temporary removal of any Barrier Fencing
- Oversee working within any Root Protection Area
- Reporting to the Local Planning Authority;
- The Arboricultural Consultant will provide site progress reports to the Council's Tree Officer at intervals to be agreed by the Council's Tree Officer.

Site Manager checks (supporting control):

Site Manager: Emilio Khan MEng (Hons) – emilio@hedgegroup.com

Site Manager to check fencing/signage weekly and after severe weather; defects repaired immediately; brief log kept in site file. (This does not replace the Condition 9 arboricultural role.)

Hold Points / Chronological Sequence (Condition 8)

HP1 – BEFORE ANY OPERATIONS (Condition 8): No operations of any description (including demolition, vegetation clearance, groundworks, tree felling/pruning, temporary access construction, soil moving, or use of motorised plant/machinery) until TPF/Root Protection Barrier fencing is installed in accordance with the approved TPP.

HP2 – FIRST WATCHING BRIEF (Condition 9b): After fencing erection the Arboriculturalist must inspect and sign off in writing to the LPA that fencing is correctly located and fit for purpose; no works commence until sign-off is issued.

HP3 – SCAFFOLD SPECIAL MEASURE (SC-BRIDGE): Where scaffold is required to pass over an RPA, it shall be erected as a bridged arrangement (see SC-BRIDGE note below) and checked/recorded by the Arboriculturalist prior to use.

Completion: TPF/CEZ retained for full duration of the development; final arboricultural check prior to removal.

Tree Protection Fencing (TPF) + Signage (Condition 8)

TPF specification (minimum): 2.0m Heras welded mesh panels on stabilised feet, fixed with tamper-resistant couplers and braced with scaffold tubing and clamps (see fig 1)

Mandatory signage: All weather notices on Heras fencing, 1 per 10 panels, stating "CONSTRUCTION EXCLUSION ZONE NO ACCESS" (see fig 2)

Retention: fencing shall be retained for the full duration and shall not be removed or repositioned except under the controlled procedure set out below.

RPA / CEZ Restrictions (Condition 8 – Absolute Rules)

Within any RPA/CEZ: no excavation for services; no storage of materials/machinery; no vehicle parking; no deposits/excavation of soil or rubble; no fires; no felling; no felling; no felling.

Site Intent: no compounds, welfare, storage, mixing, refuelling, or parking within RPA/CEZ; if any unforeseen requirement arises, works stop and the Arboriculturalist consults the LPA before proceeding.

SC-BRIDGE – Bridged Scaffold Arrangement Over RPA - (Special Measure)

The hatched SC-BRIDGE zone identifies the scaffold working area. Where this overlaps or passes over an RPA, the scaffold shall be designed using ladder beams (or proprietary bridging beams) so that no scaffold standards, base plates, sole boards, kentledge, ties, or other vertical load-bearing elements are founded within the RPA/CEZ.

All scaffold standards/foundations shall be located outside the RPA/CEZ and the bridging members shall span over the protected area and transfer loads back to standards founded outside the RPA/CEZ.

No excavation, no ground penetration (no stakes/anchors), no stripping of existing surfaces within the RPA/CEZ, no storage/mixing/fuels/washout/waste within the RPA/CEZ, at any time.

Scaffold design: a competent scaffold designer/engineer shall provide a bridging scaffold design (including load paths/foundation locations) and erection shall follow the approved design.

Arboricultural control: the Arboriculturalist shall review the installed arrangement as part of the Watching Brief and record it within monitoring/reporting under Condition 9.

Ground Protection (GP) – (Special Measures)

Where this plan identifies SC-BRIDGE zone or GP zones, access/working is only permitted on a no-dig load-spread system designed to prevent compaction and root damage.

Minimum GP build-up (no-dig):

existing surface retained (no excavation/stripping)

geotextile separation layer

load-spread system installed (e.g., cellular confinement filled with clean angular stone or interlocking mats/boards over a compressible layer for short duration access)

traffic limited to the defined GP route/area only, for minimum duration

careful removal and reinstatement on completion

Supervision: installation, use and removal of GP within/adjacent to RPAs to be checked and recorded by the Project Arboriculturalist as part of the Watching Brief.

Routes / Compounds / Storage Site Set Up

Site compound, welfare, storage, spoil, mixing and refuelling areas shall be located outside RPA/CEZ (see CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP) CONSTRUCTION LOGISTICS PLAN drawing no. 26/7N/204/4-E(22A)).

Any temporary access adjacent to RPAs shall follow the GP zones shown (where applicable).

Deliveries/plant movements to avoid tree canopies/stems; banksman to be used where clearance is limited.

Temporary Alteration / Removal of TPF (Condition 9d)

TPF shall not be moved/removed; if unavoidable: Site Manager requests approval in advance; Arboriculturalist supervises; reinstatement immediately; photograph record, include in next report and notify LPA where material.

Tree Works (Treescene Baseline Summary)

All tree works shall be undertaken by competent, insured arborists using appropriate arboricultural methods to avoid damage to retained trees and any protected areas. Where removal/pruning is required adjacent to retained RPAs, controlled dismantling/rigging shall be used to prevent impact damage and encroachment.

Trees / Groups to be removed

The following removals / partial removals are identified in the Treescene baseline:

T2 Birch (Betula pendula): REMOVE (poor form; basal decay; unsuitable for long-term retention).

T5 Sycamore (Acer pseudoplatanus): REMOVE (poor form; mechanical + severe squirrel damage; dieback).

T6 DEAD: REMOVE.

G8 Group of Goat Willow (Salix caprea): REMOVE (poor form; risk of structural failure).

T9 Ash (Fraxinus excelsior): REMOVE (symptoms indicative of Ash Dieback).

T11 Ash (Fraxinus excelsior): REMOVE (leaves extensively; symptoms indicative of Ash Dieback).

T12 Hawthorn (Crataegus monogyna): REMOVE (collapsed).

T14 Sycamore (Acer pseudoplatanus): REMOVE (poor form; basal inclusions; squirrel damage).

T18 Ash (Fraxinus excelsior): REMOVE (symptoms indicative of Ash Dieback).

G15 Boundary hedgerow group: REMOVE Goat Willow component and COPPICE Holly/Hawthorn/Cherry Laurel.

G20 Boundary hedgerow group: REMOVE Ash component; monitor remaining for stability.

Specified Works to Retained Trees

T1 Copper Beech: monitor for health.

T3 Horse Chestnut: undertake 4–5m height reduction and prune to re-balance crown; monitor health/stability.

T4 Lime: monitor for health and stability.

T7 Holly: monitor for health.

T10 Holly: no action required at this time.

T13 Lime: crown raise to 35m; monitor strength of inclusions.

T16 Douglas Fir: monitor for stability.

T17 Magnolia: monitor for stability.

T19 Lime (off-site): monitor for health.

T21 Copper Beech (off-site): prune to provide 2m clearance from both adjacent dwellings; monitor health.

Ecology Timing Notes (Tree Works)

All tree works are to be undertaken with full regard to bird nesting/bird roosting seasons; tree and hedge planting typically November–March.

PROPOSED RESIDENTIAL DEVELOPMENT	PREPARED BY	DEVELOPER	TREE PROTECTION PLAN
7 STOW PARK CIRCLE NEWPORT NP23 5BE	JAN KHAN 28 SANDRINGHAM ROAD PENYLAN CARDIFF CF23 5BJ	HECTOR ESTATES 28 SANDRINGHAM ROAD PENYLAN CARDIFF CF23 5BJ	DRAWING No. 25NP204HE/23A SCALE 1:200 @ A2 DATE 17.02.2028

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