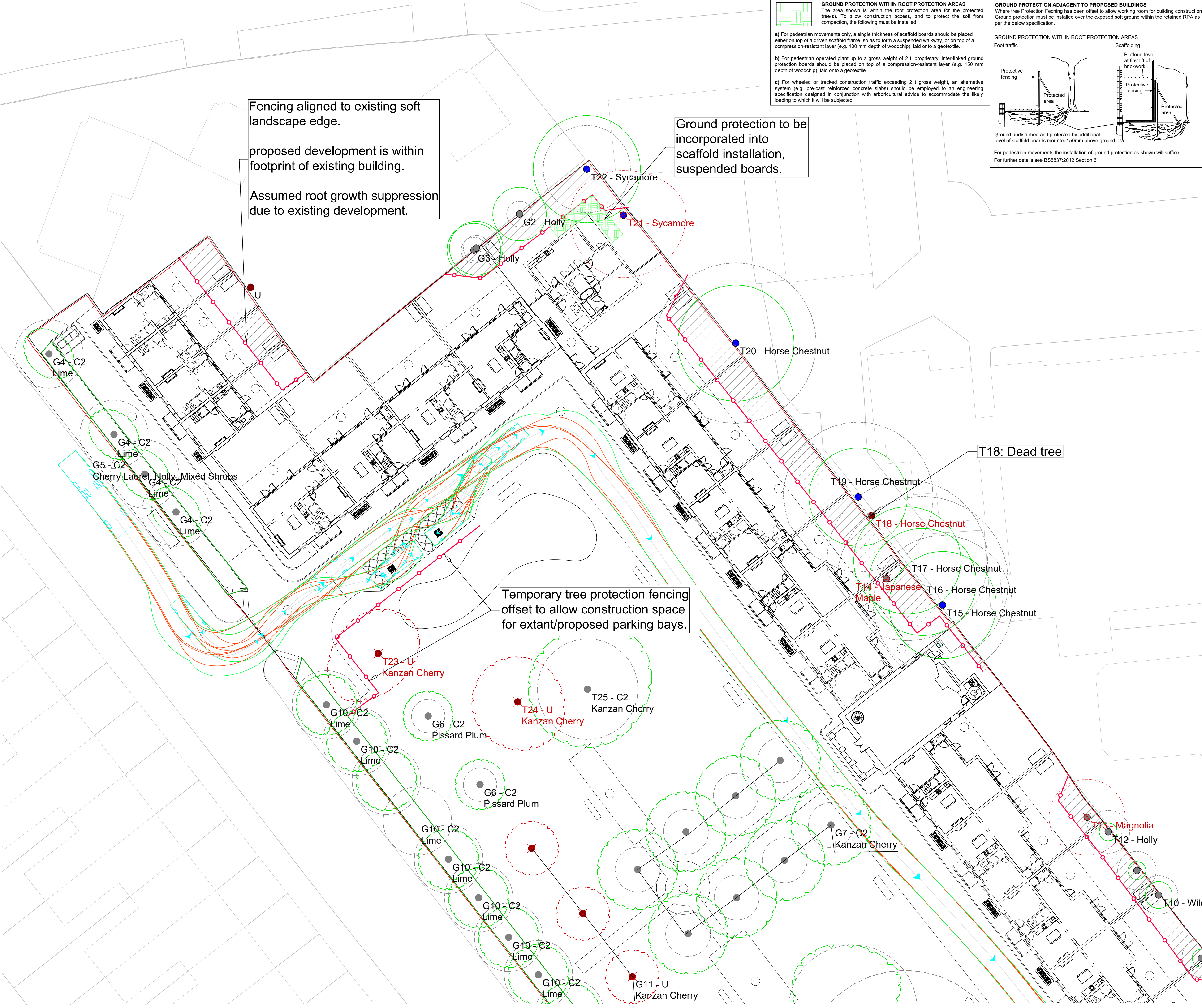




GROUND PROTECTION WITHIN ROOT PROTECTION AREAS

The area shown is within the root protection area for the protected tree(s). To allow construction access, and to protect the soil from compaction, the following must be installed:

a) For pedestrian movements only, a single thickness of scaffold boards should be placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile.

b) For pedestrian operated plant up to a gross weight of 2 t, proprietary, inter-linked ground protection boards should be placed on top of a compression-resistant layer (e.g. 150 mm depth of woodchip), laid onto a geotextile.

c) For wheeled or tracked construction traffic exceeding 2 t gross weight, an alternative system (e.g. pre-cast reinforced concrete slabs) should be employed to an engineering specification designed in conjunction with arboricultural advice to accommodate the likely loading to which it will be subjected.

GROUND PROTECTION ADJACENT TO PROPOSED BUILDINGS

Where tree Protection Fencing has been offset to allow working room for building construction, Ground protection must be installed over the exposed soft ground within the retained RPA as per the below specification.

GROUND PROTECTION WITHIN ROOT PROTECTION AREAS

Foot traffic:

Scaffolding:

Ground undisturbed and protected by additional level of scaffold boards mounted 150mm above ground level

For pedestrian movements the installation of ground protection as shown will suffice. For further details see BS5837:2012 Section 6

LEGEND

TREE PROTECTION FENCING & EXCLUSION ZONE

All Tree Protection Fencing (TPF) shall be installed prior to any plant activity on site whatsoever, including demolition, utility installation, groundworks, and soil stripping. Once erected, all TPF will be regarded as sacrosanct, and will not be removed or altered without prior recommendation by the project arboriculturist and approval of the local planning authority.

Tree Protection Fence shall comprise of Heras type panels on 'boots', well braced by attachment to scaffold pole uprights driven firmly into the ground. Once the exclusion zone has been protected by barriers and/or ground protection, construction work can commence. All weather notices may be erected on the barriers.

1 Weldmesh (e.g Heras) Panels
2 Concrete or rubber blocks
3 Scaffold pole uprights driven firmly into ground, then secured to panels with wire ties, or,
4 Uprights driven firmly into ground through hole in block, then secured to panels with wire ties.
5 Panels to be interlinked using clamps

- RESTRICTIONS WITHIN TREE PROTECTION AREAS**
- Inside the exclusion area of the fencing, the following shall apply:
- No mechanical excavation whatsoever
 - No excavation by any other means without arboricultural site supervision
 - No hand digging without a written method statement having first been approved by the project arboriculturist
 - No lowering of levels for any purpose (except removal of grass sward using hand tools)
 - No storage of plant or materials
 - No storage or handling of any chemical including cement washings
 - No vehicular access
 - No fire lighting
- In addition to the above, further precautions are necessary adjacent to trees:
- No substances injurious to tree health, including fuels, oil, bitumen, cement (including cement washings), builders sand, concrete mixing and other chemicals shall be stored or used within or directly adjacent to the protection areas of retained trees
 - No fire shall be lit such that flames come within 5m of tree foliage.

- PHASING & MONITORING OF DEVELOPMENT**
- The arboricultural protection on this site must be carried out in the following order:
- Tree removal and access facilitation pruning
 - Accurate erection of tree protection fencing and ground protection.
 - Site accessible to construction/demolition traffic
 - Demolition/site clearance
 - Construction phase
 - Removal of tree protection fencing.
 - Remedial tree surgery
- The above phasing must not be changed without approval from the project arboriculturist and agreement with the Council.

LEGEND

TREE TO BE RETAINED

TREE TO BE REMOVED

A CATEGORY TREE
B CATEGORY TREE
C CATEGORY TREE
U CATEGORY TREE

ROOT PROTECTION AREA (RPA) FOR RETAINED TREES

TREE CANOPY
Tree canopy as shown on topographical survey

ROOT PROTECTION AREA (RPA)
Estimated RPA based upon topographical stem diameter and single stem calculations in accordance with BS5837:2012 section 4.6.1

North arrow pointing up.

The original of this drawing was produced in colour- a monochrome copy should not be relied upon.

Scale bar: 0 1 2 3 4 5 10m

Rev	Date	Details	Drawn
D	11/08/25	Revised to address TO comments	AJB
C	16/07/25	Revised title box legends	HEP
B	10/07/25	Revised layout	AJB
A	29.06.22	Revised layout/disabled parking	CC

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Almshouses, Tottenham
client: Drapers Almshouses
Charity

drawing: Tree Protection Plan
date: February 2020
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drawn: AJB checked: TRC