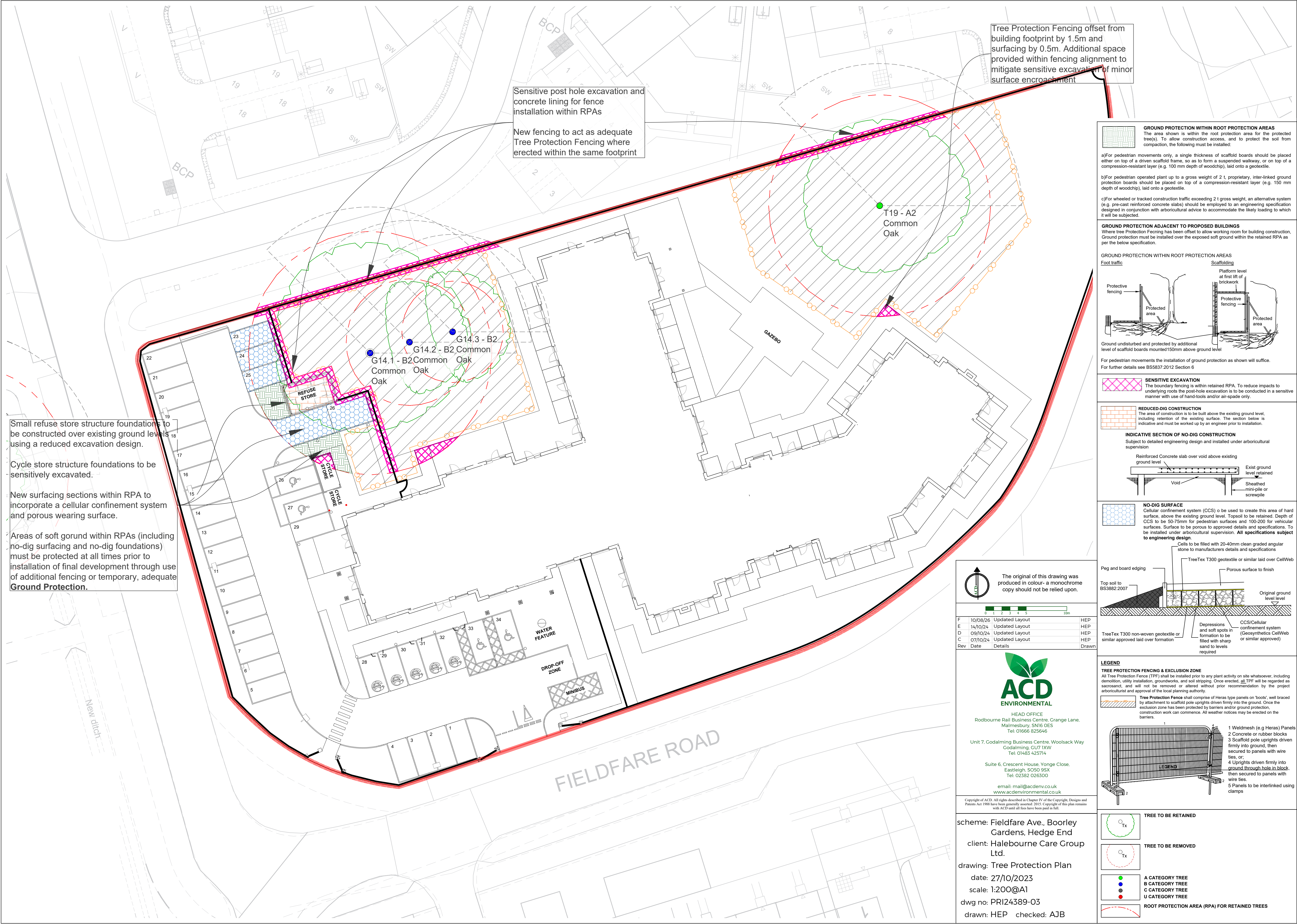




Tree Protection Fencing offset from building footprint by 1.5m and surfacing by 0.5m. Additional space provided within fencing alignment to mitigate sensitive excavation of minor surface encroachment

Sensitive post hole excavation and concrete lining for fence installation within RPAs

New fencing to act as adequate Tree Protection Fencing where erected within the same footprint

Small refuse store structure foundations to be constructed over existing ground levels using a reduced excavation design.

Cycle store structure foundations to be sensitively excavated.

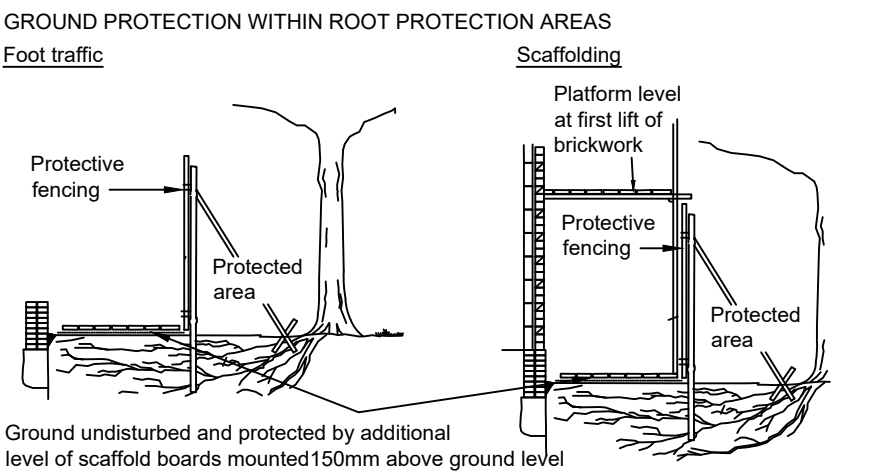
New surfacing sections within RPA to incorporate a cellular confinement system and porous wearing surface.

Areas of soft ground within RPAs (including no-dig surfacing and no-dig foundations) must be protected at all times prior to installation of final development through use of additional fencing or temporary, adequate Ground Protection.

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:

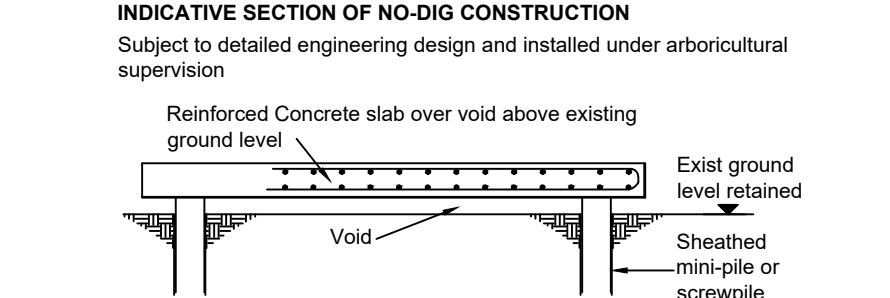
- a) For pedestrian movements only, a single thickness of scaffold boards should be placed either on top of a driven scaffold frame, so as to form a suspended walkway, or on top of a compression-resistant layer (e.g. 100 mm depth of woodchip), laid onto a geotextile.
- b) For pedestrian operated plant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

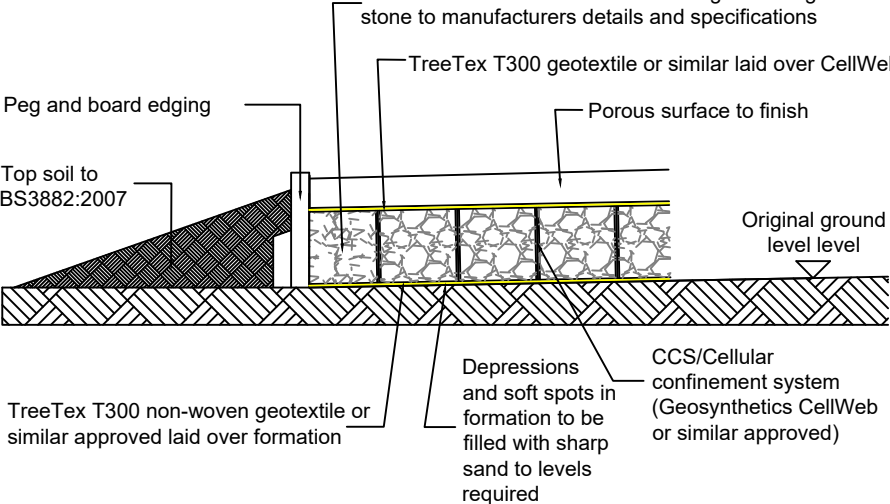


SENSITIVE EXCAVATION
The boundary fencing is within retained RPA. To reduce impacts to underlying roots the post-hole excavation is to be conducted in a sensitive manner with use of hand-tools and/or air-spade only.

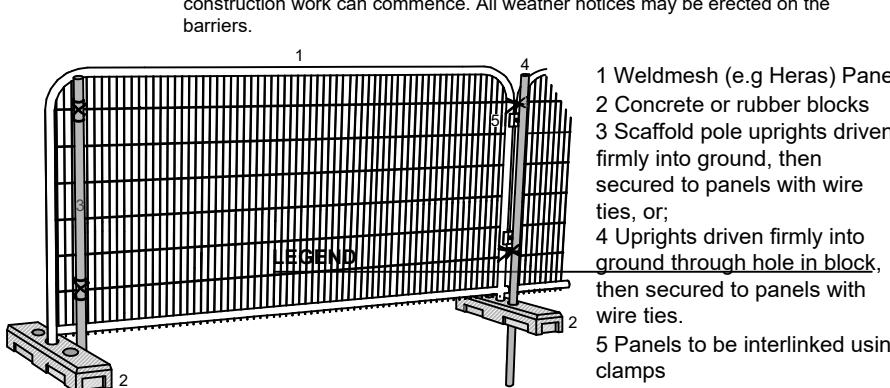
REDUCED-DIG CONSTRUCTION
The area of construction is to be built above the existing ground level, including retention of the existing surface. The section below is indicative and must be worked up by an engineer prior to installation.



NO-DIG SURFACE
Cellular confinement system (CCS) o be used to create this area of hard surface, above the existing ground level. Topsoil to be retained. Depth of CCS to be 50-75mm for pedestrian surfaces and 100-200 for vehicular surfaces. Surface to be porous to approved details and specifications. To be installed under arboricultural supervision. **All specifications subject to engineering design.**



LEGEND
TREE PROTECTION FENCING & EXCLUSION ZONE
All Tree Protection Fence (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 TO BE RETAINED**
Tx
- TREE TO BE REMOVED**
Tx
- A CATEGORY TREE**
B CATEGORY TREE
C CATEGORY TREE
U CATEGORY TREE
- ROOT PROTECTION AREA (RPA) FOR RETAINED TREES**

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

F	10/08/26	Updated Layout	HEP
E	14/10/24	Updated Layout	HEP
D	09/10/24	Updated Layout	HEP
C	07/10/24	Updated Layout	HEP
Rev	Date	Details	Drawn



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scheme: Fieldfare Ave., Boorley Gardens, Hedge End
client: Halebourne Care Group Ltd.
drawing: Tree Protection Plan
date: 27/10/2023
scale: 1:200@A1
dwg no: PRI24389-03
drawn: HEP checked: AJB