

Aboricultural Method Statement

ARBORICULTURAL IMPACT ASSESSMENT:

The Tree Protection Plan (TPP) and Arboricultural Method Statement (AMS) should be supplied to the Arboricultural and Building Contractors.

Tree to be Retained:

The retained tree is located close to the eastern boundary. T1 Quercus flex. There will be an incursions into the RPA of this tree from the development for 2 parking bays but the tree can be retained and protected in accordance with BS5837:2012.

The arboricultural impact of the scheme is minor and there are opportunities to replace existing landscaping to be lost to the development by way of a raised timber planter (slight incursion into RPA but manageable).

In order to protect retained tree and boundary hedge for its future amenity value the following protection measures should be employed:

Arboricultural Supervision

The successful integration of any development within or adjacent to retained trees relies on those trees being properly protected throughout all periods of development process from site clearance or demolition through to post development landscaping and completion.

The arboriculturalist must be on hand to attend pre-commencement meeting with the LPA as required, along with the project/site manager as required prior to the commencement of any works on site. At this meeting a programme of works will be reviewed and a schedule of visits by the arboriculturalist agreed as necessary. An induction meeting will be attended by all site personnel regarding the protection and safeguarding of the tree throughout the works.

Facilitation Tree works - None required

Demolition of existing structures and removal of planting in border next to dwarf wall all occur within the root protection area of T1
Demolition of dwarf boundary wall, foundations and narrow concrete path and planting to be carried out carefully by hand rather than excavation, with arisings removed from site.

NB Existing plants to be carefully removed with fork rather than a spade, to tease out roots rather to ensure that presence of tree roots in the top 600mm of soil are protected.

Tree Protection Fencing:

Tree Protection Barriers - See Dwg. No. 1039-5401 - see Fig 2 shall be installed in the position shown on the Tree Protection Plan, to safeguard the RPAs of the retained tree and hedges. A robust style fencing that will resist impact from light construction such as Heras, to be securely fixed, double clamped and lightened from the inside and securely sat in block trays pegged into ground.

This area demarcates the 'Construction Exclusion Zone' (CEZ). The protective fencing is denoted by an orange line on the plans.

Note: The rooting area of the boundary hedge to the north could be expected to extend up to 1.5m beyond the hedge - by extending the tree protection barriers adjacent to the hedge will provide a construction exclusion zone.

Location of Tree Protection Barriers

The area inside the tree protective fencing - (Construction Exclusion Zone-CEZ) will provide protection for the entirety of the demolition and construction phases.

Part of the Root Protection Area (RPA) of the Evergreen Oak is covered by a historic concrete path that will remain in situ and continue to provide protection during and after development. A third of the RPA is located in a soft surface in the neighbouring Beechcroft Hotel, with other areas being located beneath Clyde Road and footpath, as well as an area beneath soft planting and lawn area of Abergail. The development proposals include for a double parking bay to be located over an area of the garden that is made up of soft landscaping and another narrow hard landscaped path. These proposals conflict with an area of the RPA greater than the permitted 20%.

By adopting recommendations contained within the BS 5837 it is possible to provide new off road parking by installing a permeable surfacing over an area of RPA that is compliant with BS5837:2012 Recommendations which will have a minimal impact on the RPA of the Evergreen Oak.

Site Access:

Access into the site will be from Clyde Road over the existing concrete footpath. A working area can be set up between the front of the house and the protective fencing with the soil protected using geotextile beneath boards. Site boundary should be protected at the end of each working day with suitable barriers.

All Measurements shown to be confirmed on site

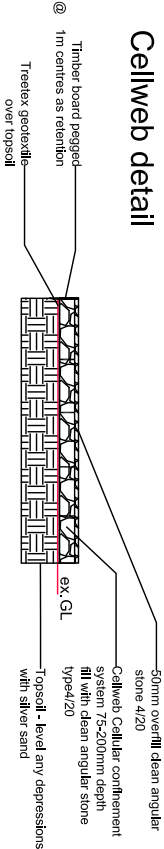
Construction of New Surfacing

A No Dig Surface - A Cellular Confinement System such as Cellweb Tree Root Protection (TRP) or similar approved will be used to provide an area of hardstanding for the parking of vehicles. The surfacing is to be located in part of the root protection area above the existing ground level. The in situ topsoil in the location identified for parking must be retained and any depressions or soft spots to be filled with soil or sharp sand prior to commencement of construction. The depth of the Cellweb TRP is to be between 100-200 for a vehicular surface and is a porous (to manufacturer's approved details and specifications) solution - see attached PDF and construction detail.

For the duration of the project, the following must be adhered to:

- No lighting of any fires on site during the project
- No access inside the tree protection (CEZ) areas
- No materials, equipment or debris / builders rubble to be stored inside CEZ
- No boards, cables or other services connected attached to trees is permitted
- No materials associated with contamination such as diesel or chemicals to be stored or allowed to permeate soil in or close to CEZ
- A dedicated construction operations area to be set up away from retained trees and CEZ, preferably on boards
- Take care using machinery striking tree canopies

Cellweb detail



Existing path retained
grade cellweb to path

Existing planting
to be retained

Site boundary

Tree protection fencing
to Fig. 2 of BS5837:2012

New timber planter to
with GL base over
small area of RPA
as backstop to parking

Option to extend
protective fencing
to protect boundary
hedge

White Hoses

No Dig Area

New Cellweb surfacing proposed
over part of RPA to create
2No. parking bays. 1No. row of
block paving laid in RPA to be
laid above the existing ground level.

Dropped kerb to new
parking area using 1 row
block paving laid as
soldier course adjacent
to edge of footway

Ground protection as
BS5837:2012; - plywood
boards laid over 150mm
depth woodchip over
geotextile membrane

KEY



Tree to be retained, colour
coded in accordance to
retention category as defined in
BS5837:2012 Table 1



Notional Root Protection
Area (RPA) in accordance
with guidance in
BS5837:2012 -



Construction Exclusion Zone
CEZ



Location of protection
barriers



Hand Dig Area



Ground protection
in accordance with
BS5837:2012



Distance between protective tree
barriers and tree stems



Gravel surfacecover cellweb



Existing concrete
surfacing to remain
in situ



Other planting to be
retained



Grass

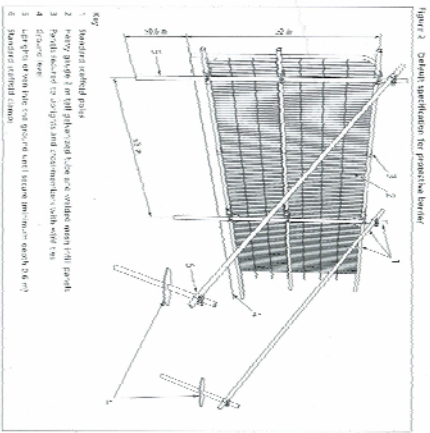


Fig. 2 - Default specification for protective barrier

Rev. :-					
Project:	Abergail, Clyde Road				
Drawing Title:	Tree Protection Plan				
Purpose:	Planning				
Dwg. No.	1039-5401				
Scale:	1:200 @ A3				
Date:	1st October 2018				

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