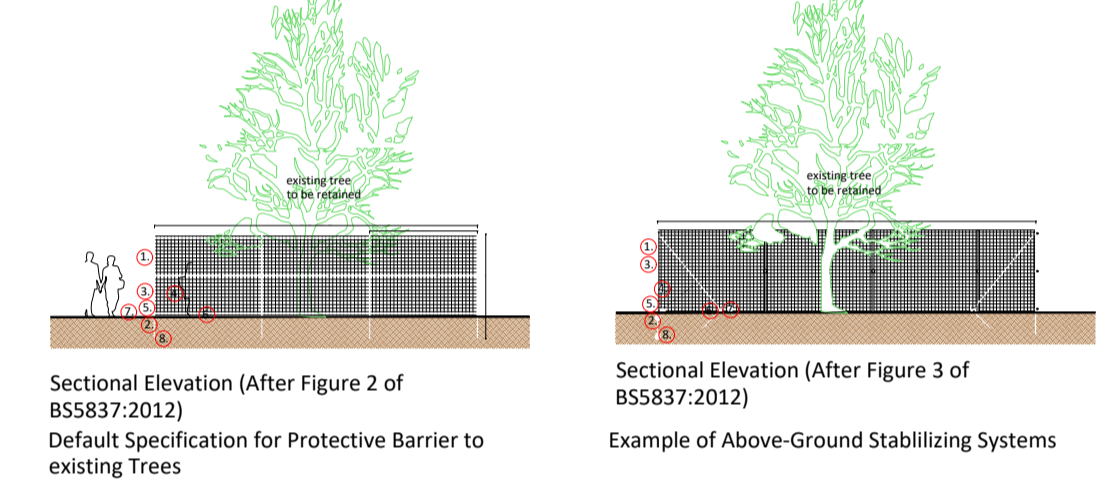




- KEY**
- Application site
  - Outline plan of roads, dwellings and other built elements that form the key components of the proposed planning application
  - Tree Protection Zone as defined in accordance with BS 5837:2012 *Trees in relation to Design, Demolition and Construction. Recommendations (As identified in Andy Boe Tree Survey November 2021)*
  - Trees identified in Topo Survey
  - Tree protection barrier
  - Proposed Works to Existing trees**
  - Trees identified as Category B - Trees of moderate quality with an estimated life expectancy of at least 20 years.
  - Trees identified as Category B - Trees of moderate quality with an estimated life expectancy of at least 20 years to be felled to facilitate development
  - Trees identified as Category C - Trees of low quality with an estimated life expectancy of at least 10 years, or young trees with a stem diameter below 150mm and to be retained.
  - Trees identified as Category C - Trees of low quality with an estimated life expectancy of at least 10 years, or young trees with a stem diameter below 150mm to be felled to facilitate development. Tree No. 7, 12(G)
  - Trees identified as Category U - Those in such condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.
  - Trees noted as being in "Poor" condition and recommended for felling as per Tree Survey Report 2021. Note (G) denotes group & (H) Hedge.
  - Trees Nos.15,18, 20 (G), 25 (G), 27 (G), 28, 29,

**NOTES**

All numbers within the tree canopies correspond to the Tree Survey and Condition Information within the Tree Survey Report by Andrew Boe Independent Arboricultural Consultant (May 2021). For detailed assessment of height and branch spread (canopy) of each tree or woodland group, please refer to the Tree Survey Report 2021.



- 1 Standard Scaffold Poles
- 2 Uprights to be driven into the ground
- 3 Panels secured to uprights with wire ties and where necessary standard scaffold clamps
- 4 Weldmesh wired to the uprights and horizontals
- 5 Standard Clamps
- 6 Wire twisted & secured on inside face of fencing to avoid easy dismantling
- 7 Ground level
- 8 Approx. 0.6m driven into the ground

**FIGURE1:** Tree Protection Fences based on Figures 2 and 3 as per BS 5837:2012

**Tree Protection Measures**  
A protective barrier, 2.3m high and comprising a vertical and horizontal framework of scaffolding, well braced to resist impacts and securely supporting weldmesh panels, (as BS5837:2012) shall be erected around the base of all trees to be retained on site.

No construction traffic, fire, materials or debris will be permitted within this zone of protection.

**Scaffolding within zone of protection**  
Where scaffolding is to be established within the 'zone of protection' surrounding retained trees, the existing undisturbed ground surfaces will be protected by a layer of sharp sand, approx. 50 mm thick, overlaid with a geotextile membrane. Stout planks, such as closely side-butted scaffold boards, will be laid over the geotextile membrane and scaffolding will be constructed on these planks (as BS5837:2012). Additional stays, as directed by a competent person, will be considered where scaffolding is constructed on suspect or un-consolidated ground. Adequate protective fencing, as BS5837:2012, will be maintained between scaffolding and adjacent trees.

2.3m high comprising a vertical and horizontal framework of scaffolding, well braced to resist impacts and securely supporting weldmesh panels, (as per in Figure 2 and Figure 3 of BS5837:2012) shall be erected around the base of all trees to be retained on site. Verticals positioned no more than 3.0m apart, driven into the ground approximately 0.6m and fixed to weldmesh panels in a manner to avoid easy removal. Notices to be erected on barrier with words "CONSTRUCTION EXCLUSION ZONE - KEEP OUT" upon fencing. See Figure 1

Tree protection fencing will be erected at a distance from the tree that is either the outermost limit of the branch spread plus 1 metre or as per recommendations given in BS 5837 Table 2 or as shown on this drawing.

No activities associated with building operations will take place within the area(s) delineated by the tree protection fencing. Within the fenced area there will be no alteration in ground level, no storage of materials, temporary structures or concrete mixing and no material likely to be injurious to a tree will be stacked or discharged within 10 metres of a tree. No fire will be lit within 10 metres of the outside of the crown spread of retained trees.

In areas where the site is sloping, potentially contaminated materials will be located where there is no risk of contamination to the protected area.

All means of protection will remain in situ for the duration of construction works.

**NOTES**

All numbers within the tree canopies correspond to the Tree Survey and Condition Information within the Tree Survey Report by Andrew Boe. For detailed assessment of height and branch spread (canopy) of each tree or woodland group, please refer to the Tree Survey Report 2021.

Excavation will be carried out using non-mechanised hand tools only and during excavation, care will be taken to minimise damage to roots of trees to be retained. No excavated areas are to remain exposed for extended periods or overnight.

Any roots uncovered during excavations which are in excess of 2.5cm diameter will be retained and treated in accordance with BS 3998 *Tree Work - Recommendations*. Any tree roots exposed which are in excess of 5 cm diameter will be surrounded in sharp sand before replacing soil or other material in the vicinity.

Any hard surfaces close to trees will be laid in accordance with the recommendations of BS 5837 and in accordance with an Arboriculture Method Statement.

All arboricultural work shall be carried out in accordance with the approved details, BS3998:1989 Recommendations for Tree Work (or appropriate BS) by a competent Tree Surgeon, preferably an Arboricultural Association approved contractor. The works may be carried out before the erection of tree protection barriers with the agreement of the Department with tree protection zones being observed with regards to the trafficking of vehicles and ground protection put in place as necessary before the tree works commence.

Copyright. All Rights Reserved.  
This work is copyright and cannot be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopying) without the written permission of the originator. Any license, express or implied, to use this document for any purpose whatsoever is restricted to the terms of the agreement or implied agreement between the originator and the instructing party.  
Unless otherwise stated all dimensions are in millimeters. Where dimensions are not given, drawings must not be scaled and the matter must be referred to the Landscape Architect. If the drawing includes conflicting details/dimensions the matter must be referred to the Landscape Architect. All dimensions must be checked on site. The Landscape Architect must be informed, by the Contractor, of any discrepancies before work commences.  
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT CONSULTANT'S DRAWINGS.

TOTAL NOS OF TREES SURVEYED	QTY
Total number of trees surveyed within the site including individual trees, groups and hedges	22
<b>FELLED - Subject to below condition</b>	<b>QTY</b>
Trees noted as being in "Poor" condition and recommended for felling as per Tree Survey report 2021	7
Trees and woodland groups noted as being in fair or good condition in Tree Survey 2021 to be felled to facilitate development.	2
<b>TOTAL</b>	<b>9</b>
<b>RETAINED/PROPOSED - Subject to below conditions</b>	<b>QTY</b>
Trees and woodland groups to be retained	13
Trees proposed site wide within open spaces, street-scapes and commercial areas	229
<b>TOTAL</b>	<b>242</b>
<b>PROPOSED WOODLAND AREAS</b>	<b>QTY</b>
Trees within proposed woodland buffer: Total area 1,751 m2 planted at 0.5 per m2	876
<b>TOTAL</b>	<b>876</b>

PLANNING	OC	17.03.21	P01
Revision Details	AB	Date	Rev
	By		
	Check		
<b>Status: PLANNING</b>			
 <b>Park Hood</b> Chartered Landscape Architects			
Hawarden House, 163 Upper Newtownards Road, Belfast, BT4 3HZ T: +44 (0)28 9029 8020 E: info@parkhood.com parkhood.com			
<b>Client :</b> Tiznow Property Company Ltd Comer Group Ireland			
<b>Project:</b> City Park Development at the Former Tedcastles Site, Centre Park Road, Cork City			
<b>Title:</b> Development Impact Plan			
<b>Scale@A1:</b> 1:1000		<b>Date:</b> March 2022	
<b>Dwg.no:</b> 7248-L-2701			