



Plan Legend


- Retained Tree
- RPA - Root Protection Area
- CEZ - Construction Exclusion Zone
- Tree Protection Fence



Tree protection zone



Do not remove this fencing



No access for unauthorised persons

Signs to be fixed to tree protection fence

TREE PROTECTION - BS 5837 : 2012 TREES IN RELATION TO CONSTRUCTION

All tree protection works to be in accordance with BS 5837 : 2012 and approved by consulting arborist or landscape architect.

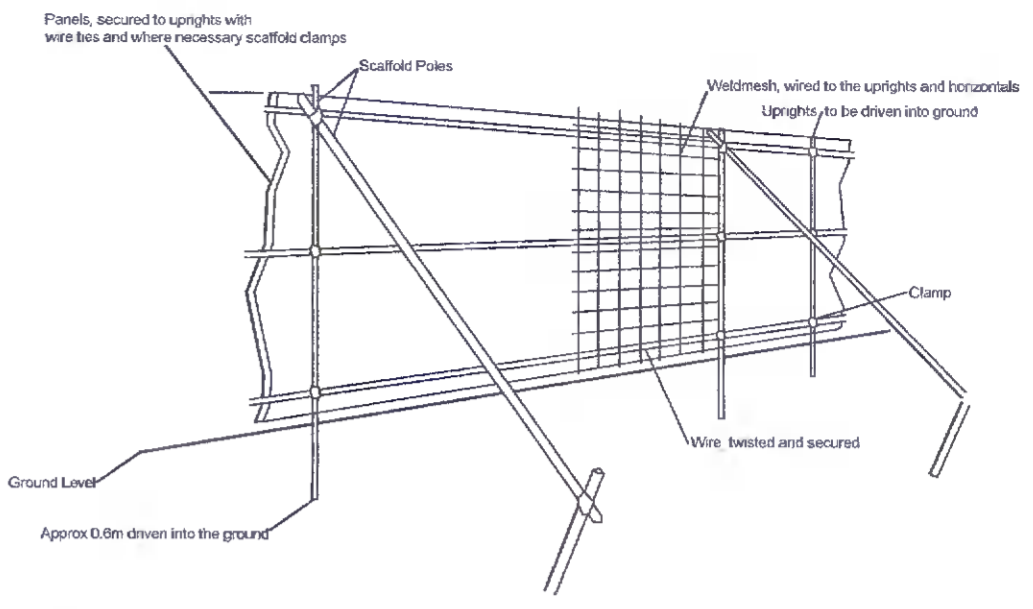
All trees to be retained on site are to be protected by effective fencing defining the Construction Exclusion Zone (CEZ). The fencing excludes construction activities from the Root Protection Area (RPA) which contains sufficient rooting volume to ensure the survival of the tree. The RPA measured in m² is calculated as an area equivalent to a circle with a radius 12 times the stem diameter for single stem trees.

Fencing is to be installed before any materials or machinery are brought onto the site and before any demolition or development, including erection of site huts, commences.

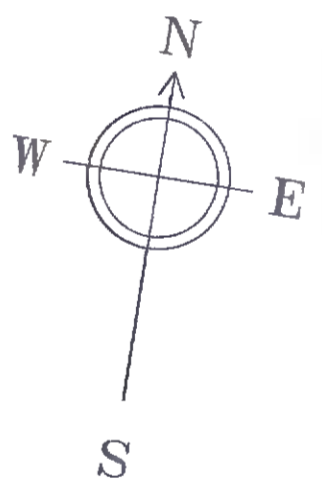
Once erected, fencing and ground protection are to be regarded as sacrosanct, and should not be removed or altered without the prior consultation with the consulting arboriculturist or landscape architect.

Protective fencing should consist of a scaffold framework in accordance with Figure No. 1 comprising a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3m. Onto this, weld mesh panels or 2m high shuttering board should be securely fixed with wire of scaffold clamps.

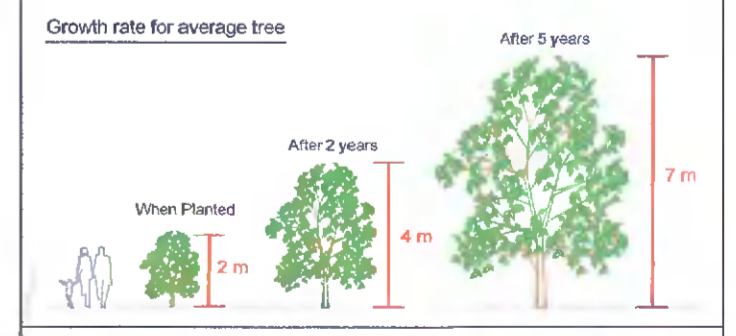
Notices should be erected on the fence with words such as, 'Keep out' or 'No operations past this point' - example below.



The untagged *Chamaecyparis lawsoniana* at the top of the bank T1 - T7 are candidates for retention within the context of the proposed development. On the day of the survey these trees were inaccessible due to hazardous ground conditions and dumping. These trees should be surveyed when the areas is cleared and assessed for health and condition if they are to be retained.



Tree Sizes:
Trees sizes listed on this plan are of the standard horticultural method of sizing trees. The size is derived from the girth of a tree (in cm), taken at a height of 1 m from ground level. For example: 6 / 8 = a girth of 6 - 8 cm 1 m from ground level. Standard heights for these trees are of the following:
6 / 8 = height of 2 - 3 m 8 / 10 = height of 3 - 3.5 m 10 / 12 = height of 3.5 - 4 m
Trees used in buffer zones have been mixed to give an average growth rate of 1.2 m per year.



NOTE: All planting will be carried out within 1 year of the first occupation of the proposed development. Any planting that falls will be replaced with plants of similar size in the next planting season. All landscaping will be adequately maintained at all times.

CLIENT:	Luxcare Ltd
JOB:	Site for development at Taylors Lane, Rathfarnham, Dublin
TITLE:	Tree Constraints & Tree Protection Plan
DATE:	November 2021 PLAN NO: 11.21.004
Drawing by qualified Arborist Kevin Lawlor 087 1354130	

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TREE CONSTRAINTS & PROTECTION