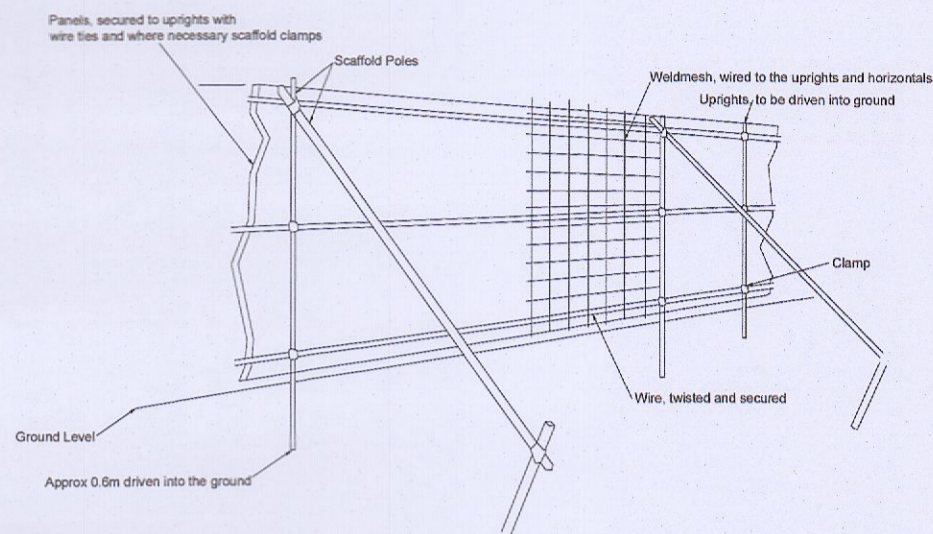


Detail 1

TREE PROTECTION - BS 5837 : 2005 TREES IN RELATION TO CONSTRUCTION



All tree protection works to be in accordance with **BS 5837 : 2005** and approved by consulting arboriculturist 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'.

Legend

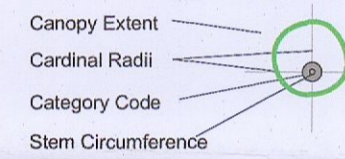
- Category A Trees: Trees of high quality / value with a minimum of 40years life expectancy. BS5837: 2012 Category Retention Rating.
- Category B Trees: Trees of moderate quality / value with a minimum of 20years life expectancy. BS5837: 2012 Category Retention Rating.
- Category C Trees: Trees of low quality / value with a minimum of 10years life expectancy. BS5837: 2012 Category Retention Rating.
- Category U Trees: Trees in such a condition that any existing value would be lost within 10years or being recommended for removal by sound arboricultural practice. BS5837: 2012 Category Retention Rating.

T01 Tree Tag number

- Existing trees to be retained - including tree surgery works requirements where necessary
 - Removed due to poor/dead condition
 - Existing trees to be removed to facilitate construction.
- Root Protection Area (RPA)**
 This area relates the "RPA" radius as defined in the Tree Survey Table and is measured from the tree centre. This area defines the preliminary Construction Exclusion Zone (CEZ) that must be protected by fencing from the potentially damaging affects of construction activity.
- Tree protection fencing to be erected prior to construction and retained for the duration of construction activities. To be monitored regularly,
 - Cellweb root protection to be installed with no dig method as per detail.

Red Line Site Boundary

Graphic Representation of Tree and Protection Zone



Canopy is drawn to account for any natural asymetry or imbalance. Crown Representation is scaled to account for north, east, west and south radii.

NOTE:
 Refer to supporting tree survey report

Location of photographs (refer to tree survey report)



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 17 Rathfarnham Road, D6W

B	02/12/22	Trees to be retained- Issued to FI	AP	JG
A	23/11/21	Tree Survey - Issued to PA	AP	JG
REV DATE	REVISION	DRAWN	CHECKED	

CLIENT Riverside Projects Limited	
PROJECT TITLE Tay Lane, Rathcoole Age-Friendly Development	
PROJECT ARCHITECT PAC studio architecture + environments	
SHEET TITLE Tree Survey	
SHEET NO. 22149_TS_01	SHEET SIZE A2
SCALE 1: 250	REVISION B
STAGE Further Information	DATE December 2022