

TREE SURVEY

Westpark Crescent, Gartars Lane, Saggart, Co. Dublin 24

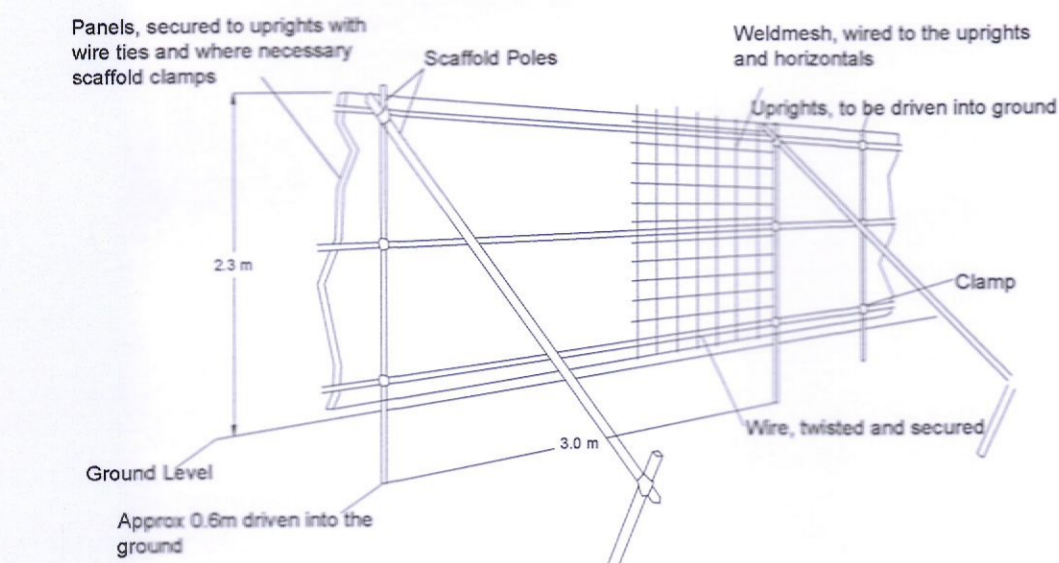
sc 1:200



TREE PROTECTION FENCE

Detail and specifications

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 hoists, 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'.

Table 1 - Tree Survey

Tree No.	Type	Species	Height (m)	Stem DBH (mm)	Spread (m)	Ht of crown clearance (m)	Age (years)	Condi (leaf)	Condition Notes & Recommendations	ERC (years)	Grade
T01	Tree	Downy Birch, <i>Betula pubescens</i>	6	220	4.5 x 5	0	SM	Good	Good condition	20-40	C2
T02	Tree	Downy Birch, <i>Betula pubescens</i>	6	220	3.2 x 3.3	0	SM	Good	Good condition	20-40	C1
T03	Tree	Downy Birch, <i>Betula pubescens</i>	6	500	3.2 x 3.4	2	SM	Good	Good condition	20-40	B2
T04	Tree	Ash, <i>Fraxinus excelsior</i>	7	400	2.2 x 3	2	Y	Good	Fair tree suffering from mild Ashdieback, monitor for future removal.	<10	B2
T05	Tree	Ash, <i>Fraxinus excelsior</i>	8	500	2.2 x 2	2	Y	Good	Fair tree suffering from mild Ashdieback, monitor for future removal.	<10	C1
T06	Tree	Ash, <i>Fraxinus excelsior</i>	8.5	500	2.2 x 1	2	Y	Good	Fair tree suffering from mild Ashdieback, monitor for future removal.	<10	C1
T07	Tree	Ash, <i>Fraxinus excelsior</i>	7.5	430	2.2 x 1.8	2	Y	Good	Fair tree suffering from mild Ashdieback, monitor for future removal.	<10	C1
T08	Tree	Ash, <i>Fraxinus excelsior</i>	7.5	370	2.2 x 1.1	2	Y	Good	Fair tree suffering from mild Ashdieback, monitor for future removal.	10-20	B2
G00	Group 01	Black Poplar, <i>Populus nigra</i> and Leyland cypress, <i>Cupressus leylandii</i>	13 - 18m	N/A	N/A	0	M	Good	Good condition / Shared canopy / Combined canopy form / Crown lift / Monitor roadside branches for removal where necessary / Remove dead ivy	40+	B1
G01	Group 02	Tree: Black Poplar, <i>Populus nigra</i> / Quercus robur, Oak, Shrub: Bramble Bush, <i>Rubus idaeus</i> , Hawthorn, <i>Crataegus monogyna</i>	13 - 18m	N/A	N/A	0	M	Good	Leyland cypress showing dead/por branches. Good condition / Shared canopy / Combined canopy form / Crown lift / Monitor roadside branches for removal where necessary / Remove dead ivy	40+	B1
H01	Hedge	Common Box, <i>Buxus sempervirens</i>	0.5	N/A	N/A	0	M	Good	Good hedge condition	10-20	B1
H02	Hedge	Common Box, <i>Buxus sempervirens</i>	1	N/A	N/A	0	M	Good	Good hedge condition	10-20	B1
H03	Hedge	Laurel, <i>Prunus laurocerasus</i>	3.5	N/A	N/A	0	M	Good	Good hedge condition	10-20	B1

1 - *Populus nigra* / *Cupressus Leylandii* double hedgerow with *buxus sempervirens* groundcover



2 - *Prunus laurocerasus* hedge with *buxus sempervirens* hedge in front



3 - Existing *Fraxinus excelsior*



4 - Existing *Betula pubescens* at the front elevation



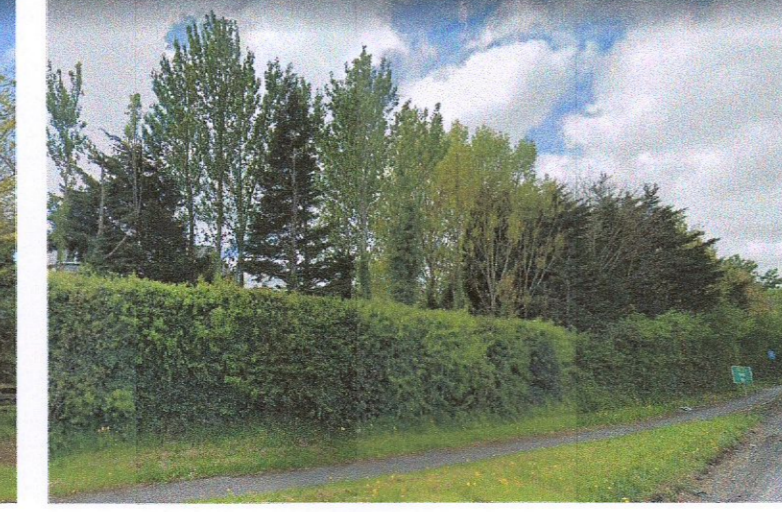
5 - Tree group 1 and 2, from Garter lane



6 - Tree group 2, from Garter lane



7 - Tree group 1 - *Populus nigra* / *Cupressus Leylandii* double hedgerow mix. View from N7 road.



8 - Tree group 1 - *Populus nigra* / *Cupressus Leylandii* double hedgerow mix and *buxus sempervirens* groundcover.



LEGEND

- Red Line Site Boundary
- Graphic Representation of Tree and Protection Zone
 - Canopy Extent
 - Cardinal Radii
 - Category Code
 - Stem Circumference
- Canopy is drawn to account for any natural asymmetry or imbalance. Crown Representation is scaled to account for north, east, west and south radii.
- Category A Trees: Trees of high quality / value with a minimum of 40 years life expectancy. BS5837: 2012 Category Retention Rating
- Category B Trees: Trees of moderate quality / value with a minimum of 20 years life expectancy. BS5837: 2012 Category Retention Rating
- Category C Trees: Trees of low quality / value with a minimum of 10 years life expectancy. BS5837: 2012 Category Retention Rating
- Category U Trees: Trees in such a condition that any existing value would be lost within 10 years or being recommended for removal by sound arboricultural practice. BS5837: 2012 Category Retention Rating
- TXX 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
- Tree protection fencing to be erected prior to construction and retained for the duration of construction activities. To be monitored regularly
- Image number and place and direction where photograph was taken
- NOTE: Refer to supporting tree survey report Location of photographs (refer to tree survey report)

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C 25/07/22 Tree survey AP JG
 B 25/07/22 Tree survey AP JG
 A 20/07/22 Tree survey - Draft AP JG

REV DATE REVISION DRAWN CHECKED

CLIENT
 Suites Hotel Management CLG

PROJECT TITLE
 C.O.U of Residential Units at Westpark Crescent, Gartars Lane, Saggart, Co. Dublin 24

PROJECT ARCHITECT
 JOSEPH CUNNINGHAM & ASSOCIATES LTD
 PROJECT MANAGERS CHARTERED ENGINEERS SURVEYORS

SHEET TITLE
 Tree survey

SHEET NO.
 22151_LP_C_TS

SCALE
 1/200

STAGE
 Additional Information

SHEET SIZE
 A1

REVISION
 C

DATE
 July 2022

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