

TREE SURVEY AND METHOD STATEMENT

SEPTEMBER 2023

REV A

Introduction

1. Arboricultural consultants, FPCR were commissioned on behalf of the Witherslack Group to undertake an Arboricultural Assessment at Lakeside School, Liverpool in 2021.
2. A full tree survey was undertaken by FPCR and is included in Appendix 1. A total of thirty-three individual trees and twenty-two groups of trees were surveyed as part of the Arboricultural Assessment.
3. Of the trees across the site, seven trees of moderate arboricultural quality and retention category B were recorded with twenty-five individuals and twenty-one groups of trees recorded as low quality and category C. A single tree and a group of trees were deemed unsuitable for retention in their current context and were recorded as category U.
4. A Tree Preservation Order, namely Wheathill Farm Naylor's Road Roby Knowsley L27 2YA, No. 12-2005 applies to a single tree, T22, present within the assessment site and therefore statutory constraints apply to the development in respect of trees.
5. The proposed development comprises the installation of new fencing to the south-western part of the site as shown on the proposed plan (Appendix 2).
6. It is confirmed that installation of the proposed fencing will not result in the loss of any trees and will be completed using hand-dig method only.

Tree Survey Plan

7. The individual positions of trees and groups have been shown on the Tree Survey Plan. The positions of trees are based on a topographical / land survey, as far as possible, supplied by the client. Where topographical information has not identified the position of trees these have been plotted using a global positioning system and aerial photography to provide approximate locations. The crown spread, root protection area and shade pattern (where appropriate) are also indicated on this plan.
8. Please refer to Appendix 1 for a copy of the completed Tree Survey.

Tree Protection Measures

9. All retained trees will be adequately protected during works ensuring that the calculated root protection area for all retained trees can be appropriately protected through the erection of the requisite tree protection barriers. Measures to protect trees should follow the guidance in

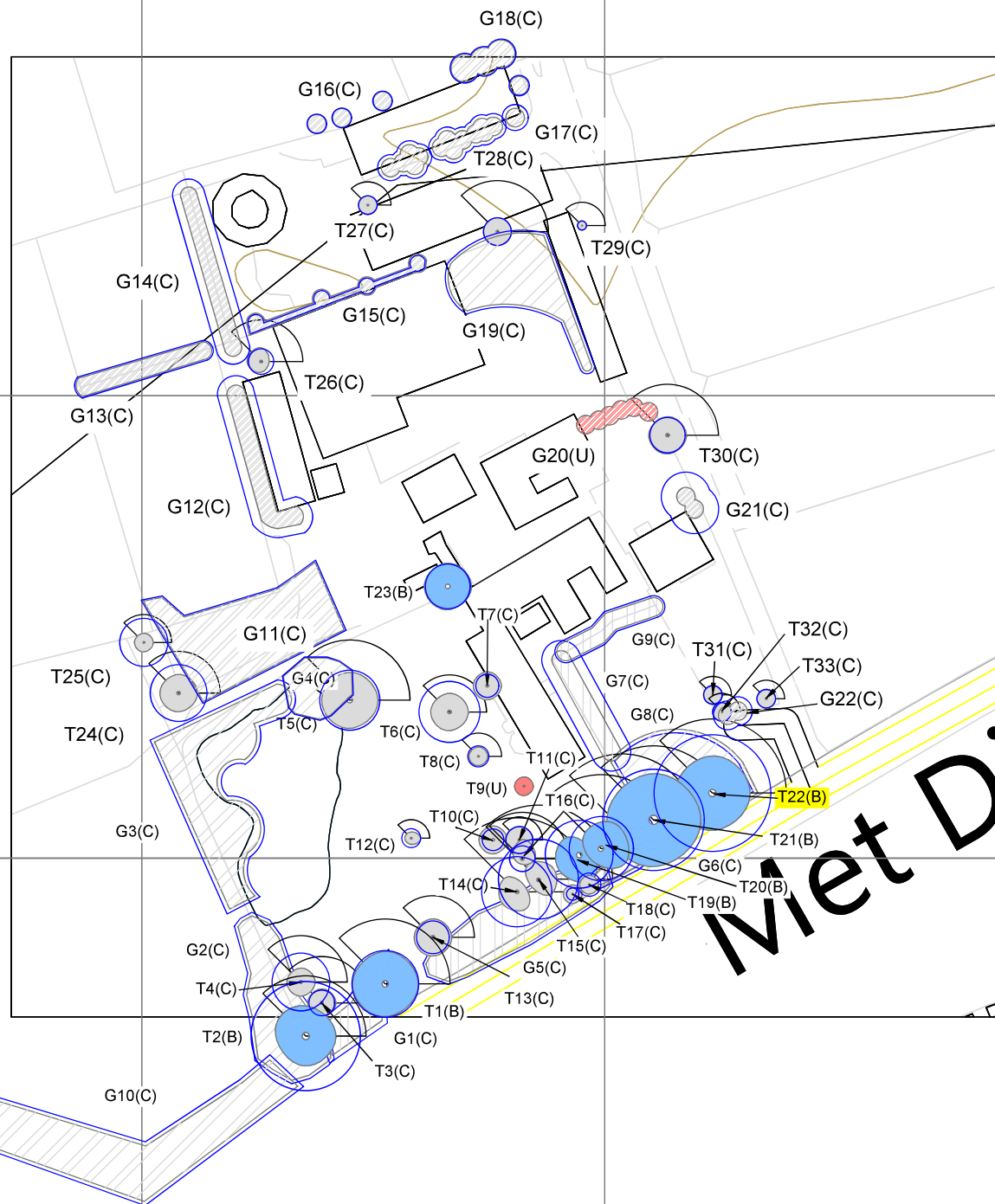
BS5837 and will be applied where necessary for the purpose of protecting trees within the site whilst allowing sufficient access for the implementation of the proposed layout.

10. All the retained trees will need to be adequately protected during works. Measures to protect these trees should follow the best practice principles set out in BS5837: Trees in Relation to Construction Recommendations (2012)
11. Barriers will be erected prior to commencement of any construction work including erection of any temporary structures. Once installed, the area protected by fencing or other barriers will be regarded as a construction exclusion zone.
12. Where it has been agreed, construction access may take place within the root protection area if suitable ground protection measures are in place. This may comprise single scaffold boards over a compressible layer laid onto a geo-textile membrane for pedestrian movements. No vehicular movements over the root protection area will be required as part of the proposed works.
13. Tree protection fencing should be fit for the purpose of excluding any type of construction activity and suitable for the degree and proximity of works to retained trees. Barriers must be maintained to ensure that they remain rigid and complete for the duration of construction activities on site.
14. In most situations, fencing should comprise typical construction fencing panels attached to scaffold poles driven vertically into the ground. For particular areas where construction activity is anticipated to be of a more intense nature, supporting struts, acting as a brace should be added and fixed into position through the application of metal pins driven into the ground to offer additional resistance against impacts.
15. Where site circumstances and the risk to retained trees do not necessitate the default level of protection an alternative will be specified appropriate to the level / nature of anticipated construction activity. The recommended methods of fencing specifications for this site have been illustrated in Appendix 3.
16. The cutting of roots shall not entirely be avoidable during the removal of existing ground material to install each fence post. The proposed fencing will be undertaken using due care and attention to ensure a minimum level of damage to any existing tree roots. All fence posts will be dug by hand by the contractor, avoiding the use of heavy mechanical machinery. Any roots located / identified during these works shall be pruned back to the face of the trench as they became exposed. Roots shall be wrapped with hessian material, which is to be kept damp, until the area can be back filled.



389400m

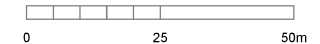
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KEY

-  Category U - Trees / Groups Unsuitable for Retention (BS 5837:2012)
-  Category A - Trees / Groups of High Quality (BS 5837:2012)
-  Category B - Trees / Groups of Moderate Quality (BS 5837:2012)
-  Category C - Trees / Groups of Low Quality (BS 5837:2012)
-  Hedgerow (Colour indicates BS5837:2012 Category)
-  Root Protection Area (The RPA has been altered where appropriate to reflect underground constraints)
-  Individual / Group Number and BS5837:2012 Category
-  Individual tree subject of TPO
-  Indicative Shade Pattern (in accordance with BS5837:2012 where appropriate)

Scale 1:1000 @ A3



NOTES

All dimensions to be verified on site. Do not scale this drawing. Use figured dimensions only. All discrepancies to be clarified with project Arboriculturalist. Drawing to be read in conjunction with Arboricultural Assessment and Appendix A - Tree Schedule.

Drawing has been produced in colour and is based on digital information in .dwg format, aerial images and/or GPS location where appropriate. A monochrome copy should not be relied upon. The exact position of individual trees or species included as part of a tree group, woodland or hedgerow should be checked and verified on site prior to any decisions for foundation design, tree operations or construction activity being undertaken. Further survey work would be required for calculating foundation depths.

Trees are living organisms that change over time, the condition of all trees illustrated herein, are to be checked by the project Arboriculturalist should works commence 12 months after the date of this survey.

SOME TREES MAY BE SUBJECT TO STATUTORY CONSTRAINTS. IT IS THEREFORE ADVISED THAT NO WORKS SHOULD BE UNDERTAKEN TO ANY TREES ILLUSTRATED HEREIN WITHOUT FIRST OBTAINING THE RELEVANT AUTHORIZATION TO DO SO UNLESS AGREED AS PER THE APPROVED PLANS THROUGH PLANNING CONSENT.

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-	23.02.2020	First Issue	TCB
A	20.03.2020	TPO info added	TCB
B	25.08.2020	North site added	SCC
rev	date	description	by



- masterplanning
- environmental assessment
- landscape design
- urban design
- ecology
- architecture
- arboriculture

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client
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project
Lakeside School
Liverpool

drawing title
TREE SURVEY PLAN

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1:1250 @ A3

drawn/checked
SCC/TCB

date
August 2020

drawing number
9248-T-01

rev
B

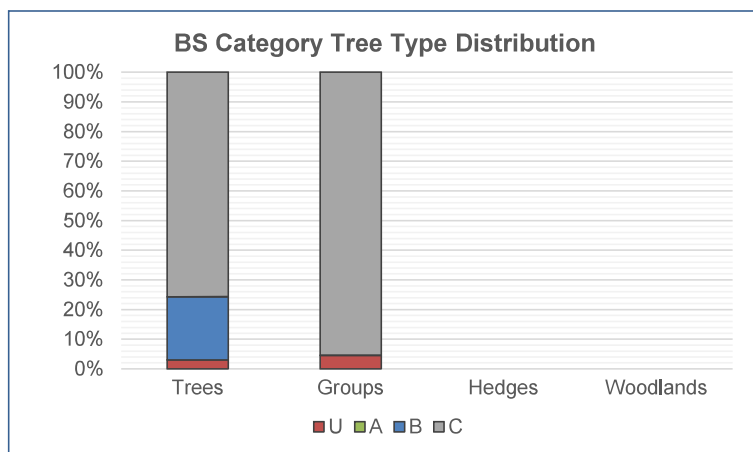
CAD file: K:\9200\9248\ARB\Plans\Tree Survey Plan.dwg

Appendix Summary

	Individual Trees	Totals	Tree Groups and Hedgerows	Totals
Category U	T9	1	G20	1
Category A		0		0
Category B	T1, T2, T19, T20, T21, T22, T23	7		0
Category C	T3, T4, T5, T6, T7, T8, T10, T11, T12, T13, T14, T15, T16, T17, T18, T24, T25, T26, T27, T28, T29, T30, T31, T32, T33	25	G1, G2, G3, G4, G5, G6, G7, G8, G9, G10, G11, G12, G13, G14, G15, G16, G17, G18, G19, G21, G22	21
	Total	33	Total	22

BS Category Tree Type Distribution displays the proportion of trees assessed in each type to enable a better understanding of the category distribution.

Age Distribution of Tree Stock shows the number of trees in each age category across the tree stock allowing assessment of their longevity to be made.



Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
INDIVIDUAL TREES										
T1	Ash Fraxinus excelsior	14	600	7	M	F	Broken branches evident Established ivy cover Minor dead wood evident in the crown (<75mm)	163	7.2	B (i)
T2	English Oak Quercus robur	13	600 780	N - 3 S - 8 E - 5 W - 6	M	F	Bark wounds noted Branch stubs evident Broken branches evident Epicormic growth evident within the crown Established ivy cover Minor dead wood evident in the crown (<75mm) Pruning wounds noted	438	11.8	B (i)
T3	Sycamore Acer pseudoplatanus	10	230	3	EM	P	Base obscured Dense ivy cover on main stem Minor dead wood evident in the crown (<75mm)	24	2.8	C (i)
T4	Weeping Willow Salix x sepulcralis 'Chrycosoma'	10	est 300 300 300	3	M	P	Base obscured Dense ivy cover on main stem Minor dead wood evident in the crown (<75mm) Tree has collapsed and continued to grow	122	6.2	C (i)
T5	Weeping Willow Salix x sepulcralis 'Chrycosoma'	13	540	6	M	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Minor dead wood evident in the crown (<75mm) Pruning wounds noted Chain has occluded to base	132	6.5	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T6	Weeping Ash Fraxinus excelsior Pendula	8	550	4	M	P	Bark wounds noted Branch socket cavities observed Branch stubs evident Crossing and rubbing branches Crown had been topped Dieback of the crown observed Epicormic growth evident within the crown Minor dead wood evident in the crown (<75mm) Pruning wounds noted Significant waterlogged ground to base tree house in crown tag 0004 Daldinia concentrica King Alfreds Cakes present	137	6.6	C (i)
T7	Wild Cherry Prunus avium	6	avg 120 120 120	3	EM	F	Crossing and rubbing branches Included bark union Minor dead wood evident in the crown (<75mm) Multi stemmed from base	20	2.5	C (i)
T8	Purple Plum Prunus cerasifera Pissardii	5	avg 10x 60	2	M	F	Crossing and rubbing branches Included bark union Minor dead wood evident in the crown (<75mm) Multi stemmed from base	16	2.3	C (i)
T9	Spring Cherry Prunus x subhirtella	3	80 110	N - 2 S - 2 E - 0 W - 2	SM	P	Base obscured Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Limited future potential Low crown form Minor dead wood evident in the crown (<75mm) Multi stemmed from base Pruning wounds noted Specimen in extensive decline	N/A	N/A	U
T10	Sessile Oak Quercus petraea	4	160 110	3	SM	F	Crossing and rubbing branches Epicormic growth evident within the crown Low crown form	17	2.3	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T11	Spring Cherry Prunus x subhirtella	5	240	3	EM	F	Basal suckers present Crossing and rubbing branches Epicormic growth evident within the crown Included bark union Low crown form	26	2.9	C (i)
T12	Spring Cherry Prunus x subhirtella	4	170	N - 1 S - 1 E - 2 W - 1	SM	F	Basal suckers present Crossing and rubbing branches Epicormic growth evident within the crown Included bark union Low crown form	13	2.0	C (i)
T13	Goat Willow Salix caprea	9	6x 120	4	EM	F	Basal suckers present Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Included bark union Low crown form Multi stemmed from base	39	3.5	C (i)
T14	Common Lime Tilia x europaea	16	630	N - 4 S - 4 E - 1 W - 4	M	F	Basal suckers present Branch stubs evident Broken branches evident Epicormic growth evident within the crown Low crown form Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	180	7.6	C (i)
T15	Common Lime Tilia x europaea	16	720	N - 4 S - 4 E - 4 W - 1	M	F	Basal suckers present Branch stubs evident Broken branches evident Epicormic growth evident within the crown Low crown form Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm)	235	8.6	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T16	Sycamore Acer pseudoplatanus	10	230	N - 4 S - 0 E - 2 W - 1	SM	P	Crossing and rubbing branches Etiolated form	24	2.8	C (i)
T17	Hawthorn Crataegus monogyna	4	110	2	Yng	F	Crossing and rubbing branches Etiolated form	5	1.3	C (i)
T18	Sycamore Acer pseudoplatanus	6	180 110	2	EM	P	Branch stubs evident Crossing and rubbing branches Etiolated form	20	2.5	C (i)
T19	Sycamore Acer pseudoplatanus	16	530 230	N - 4 S - 6 E - 1 W - 5	M	F	Basal suckers present Branch stubs evident Crossing and rubbing branches Dieback of the crown observed Minor dead wood evident in the crown (<75mm)	151	6.9	B (i)
T20	Sycamore Acer pseudoplatanus	16	610	N - 4 S - 6 E - 6 W - 2	M	F	Basal suckers present Branch stubs evident Crossing and rubbing branches Light ivy cover Minor dead wood evident in the crown (<75mm)	168	7.3	B (i)
T21	Sycamore Acer pseudoplatanus	16	Over ivy 640 650	10	M	F	Basal suckers present Base obscured Branch stubs evident Crossing and rubbing branches Dieback of the crown observed Established ivy cover Minor dead wood evident in the crown (<75mm) Sparse / thinning crown Bat boxes present	376	10.9	B (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T22	English Oak Quercus robur	16	Over ivy 1050	8	M	F	Bark wounds noted Branch stubs evident Broken branches evident Crossing and rubbing branches Epicormic growth evident within the crown Established ivy cover Low crown form Major dead wood evident in the crown (>75mm) Minor dead wood evident in the crown (<75mm) Bat boxes present TPO-00012-TPO	499	12.6	B (i)
T23	Sycamore Acer pseudoplatanus	12	Over ivy 290 280	5	M	F	Crossing and rubbing branches Established ivy cover Included bark union Minor dead wood evident in the crown (<75mm) Twin stemmed from base	74	4.8	B (i)
T24	White Willow Salix alba	9	Over ivy 510	4	EM	F	Broken branches evident Characteristic for species Dense ivy cover on main stem Dense undergrowth at the base Minor dead wood evident in the crown (<75mm) Multi leadered form	118	6.1	C (i)
T25	White Willow Salix alba	6	est 220 220 200 190 120	2	EM	F	Characteristic for species Included bark union Light ivy cover Minor dead wood evident in the crown (<75mm) Multi leadered form Multi stemmed from base	85	5.2	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T26	Goat Willow Salix caprea	9	90 100 110 90 120	N - 3 S - 2 E - 1 W - 3	EM	F	Bark wounds noted Characteristic for species Crossing and rubbing branches Included bark union Limited future potential Minor dead wood evident in the crown (<75mm) Multi leadered form Multi stemmed from base	24	2.8	C (i)
T27	Goat Willow Salix caprea	5	80 80 100 70	2	SM	F	Bark wounds noted Broken branches evident Characteristic for species Epicormic growth evident within the crown Limited future potential Multi leadered form Multi stemmed from base	13	2.0	C (i)
T28	Ash Fraxinus excelsior	11	est 250	3	SM	P / F	Base obscured Broken branches evident Limited future potential Over run by bramble and undergrowth.	28	3.0	C (i)
T29	Ash Fraxinus excelsior	5	80	1	SM	P / F	Base obscured Broken branches evident Limited future potential Bramble and undergrowth.	3	1.0	C (i)
T30	Wild Cherry Prunus avium	11	est 170 180 200	4	EM	F	Bark wounds noted Base obscured Crossing and rubbing branches Lateral lever arm observed Multi leadered form Multi stemmed from base	46	3.8	C (i)

Tree No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
T31	Japanese Maple Acer palmatum	4	70 70 70 80 80	2	EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Included bark union Multi leadered form Multi stemmed from base	12	2.0	C (i)
T32	Japanese Maple Acer palmatum	4	70 70 70 80 80	2	EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Included bark union Multi leadered form Multi stemmed from base	12	2.0	C (i)
T33	Japanese Maple Acer palmatum	4	70 70 70 80 80	2	EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Dense undergrowth at the base Included bark union Multi leadered form Multi stemmed from base	12	2.0	C (i)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
GROUPS OF TREES										
G1	Sycamore Acer pseudoplatanus Leyland Cypress Cupressocyparis leylandii	13	avg 340	3	EM	F	Crossing and rubbing branches Established ivy cover Interlocking crowns Low crown forms	52	4.1	C (ii)
G2	Ash Fraxinus excelsior Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus	9	est 100 100	1	EM	P	Base obscured Crossing and rubbing branches Dense undergrowth at the bases Interlocking crowns Low crown forms Outgrown hedgerow Unable to gain access	9	1.7	C (ii)
G3	Crack Willow Salix fragilis English Oak Quercus robur Hawthorn Crataegus monogyna Silver Birch Betula pendula	10	est 90 90 90	2	EM	F	Branch stubs evident Crossing and rubbing branches Dense undergrowth at the bases Interlocking crowns Low crown forms Minor dead wood evident in the crowns (<75mm) Trees around pond	11	1.9	C (ii)
G4	Crack Willow Salix fragilis	10	avg 200 200 200	4	EM	F	Branch stubs evident Crossing and rubbing branches Established ivy cover Minor dead wood evident in the crowns (<75mm) Multi stemmed from base	54	4.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G5	Elder Sambucus nigra English Oak Quercus robur Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Holly Ilex aquifolium Leyland Cypress Cupressocyparis leylandii	13	avg 300	3	SM / EM	F	Branch stubs evident Broken branches evident Crossing and rubbing branches Established ivy cover Interlocking crowns Low crown forms	41	3.6	C (ii)
G6	Elder Sambucus nigra Hawthorn Crataegus monogyna	4	est 80 80 80	1	SM	F	Base obscured Crossing and rubbing branches Dense undergrowth at the bases Interlocking crowns Low crown forms Unable to gain access	9	1.7	C (ii)
G7	Leyland Cypress Cupressocyparis leylandii	9	avg 200 200 200	2	EM	F	Base obscured Crossing and rubbing branches Crowns had been heavily reduced Interlocking crowns Low crown forms	54	4.2	C (ii)
G8	Goat Willow Salix caprea Hawthorn Crataegus monogyna Silver Birch Betula pendula Sycamore Acer pseudoplatanus	6	avg 100	2	SM	F	Crossing and rubbing branches Interlocking crowns Low crown forms Sporadic self-seeded group of trees	5	1.2	C (ii)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G9	Beech Fagus sylvatica Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus Holly Ilex aquifolium	8	avg 6x 80	2	EM	F	Crossing and rubbing branches Interlocking crowns Low crown forms Minor dead wood evident in the crowns (<75mm)	17	2.4	C (ii)
G10	Ash Fraxinus excelsior Elder Sambucus nigra Hawthorn Crataegus monogyna Sycamore Acer pseudoplatanus	4	est 6x 60	1	EM	F	Crossing and rubbing branches Interlocking crowns Low crown forms Outgrown hedgerow	10	1.8	C (ii)
G11	Elder Sambucus nigra Goat Willow Salix caprea Wild Cherry Prunus avium White Willow Salix alba	6	170 150 140 80	3	Yng / SM	F	Characteristic for species Coppiced form Crossing and rubbing branches Included bark union Multi leadered form Multi stemmed from base Variety of regeneration vegetation with dense bramble	35	3.3	C (i)
G12	Elder Sambucus nigra Goat Willow Salix caprea Norway Maple Acer platanoides White Willow Salix alba	9	80 210 230 90	2	Yng / SM	F	Basal suckers present Base obscured Characteristic for species Crossing and rubbing branches Dense undergrowth at the base Included bark union Interlocking crowns Limited future potential Multi leadered form Multi stemmed from base	50	4.0	C (i)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G13	Goat Willow Salix caprea White Willow Salix alba	7	80 120 80 90	2	Yng / SM	F	Basal suckers present Base obscured Characteristic for species Crossing and rubbing branches Included bark union Interlocking crowns Multi leadered form Multi stemmed from base	16	2.3	C (i)
G14	Hawthorn Crataegus monogyna Norway Maple Acer platanoides	8	est 250 180 170 150 80	3	SM	F	Bark wounds noted Base obscured Broken branches evident Crossing and rubbing branches Dead trees noted Dense undergrowth at the base Multi leadered form Multi stemmed from base	69	4.7	C (i)
G15	Goat Willow Salix caprea	9	est 140	2	Yng / SM	F	Bark wounds noted Basal suckers present Base obscured Characteristic for species Dense undergrowth at the base Limited future potential Multi leadered form Multi stemmed from base	9	1.7	C (i)
G16	Goat Willow Salix caprea Silver Birch Betula pendula	9	est 90 80 110	2	Yng / SM	F	Bark wounds noted Basal suckers present Base obscured Characteristic for species Dense undergrowth at the base Limited future potential Multi leadered form Multi stemmed from base Fire damage	12	2.0	C (i)

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G17	Goat Willow Salix caprea	10	est 90 180 110	2	Yng / SM	F	Bark wounds noted Basal suckers present Base obscured Characteristic for species Dense undergrowth at the base Limited future potential Multi leadered form Multi stemmed from base Fire damage	24	2.8	C (i)
G18	Goat Willow Salix caprea White Willow Salix alba	11	140 140 160 80	3	Yng / SM	F	Bark wounds noted Base obscured Branch stubs evident Broken branches evident Characteristic for species Dense undergrowth at the base Epicormic growth evident within the crown Included bark union Interlocking crowns Minor dead wood evident in the crown (<75mm) Multi leadered form Multi stemmed from base	32	3.2	C (i)
G19	Elder Sambucus nigra Goat Willow Salix caprea Norway Maple Acer platanoides	9	avg 210 80 90 180	3	Yng / SM	F	Bark wounds noted Base obscured Branch stubs evident Crossing and rubbing branches Dense undergrowth at the base Interlocking crowns Minor dead wood evident in the crown (<75mm) Multi leadered form Multi stemmed from base	41	3.6	C (i)
G20	Leyland Cypress Cupressocyparis leylandii	9	upto 230	2	EM	D / P	Extensive fire damage only one tree remains alive	N/A	N/A	U

Group No	Species	Height	Stem Dia.	Crown Radius	Age Class	Overall Condition	Structural Condition	RPA	RPA Radius	BS5837 Cat
G21	Prunus sp. Leyland Cypress Cupressocyparis leylandii	12	upto 440	2	SM / EM	F	Base obscured Dense undergrowth at the base Light ivy cover	88	5.3	C (i)
G22	Leyland Cypress Cupressocyparis leylandii	7	190 80 80 80 100	2	SM	F	Characteristic for species Dense undergrowth at the base Included bark union Multi leadered form Multi stemmed from base	30	3.1	C (i)



0m 5m 10m 15m 20m
VISUAL SCALE 1:250 @ A1

Drawing Status

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DEVELOPMENT KEY

Development Boundary

3.0m High Anticlimb 358 Mesh Security Fence in PPC RAL 6005 Moss Green

Existing Timber Fence



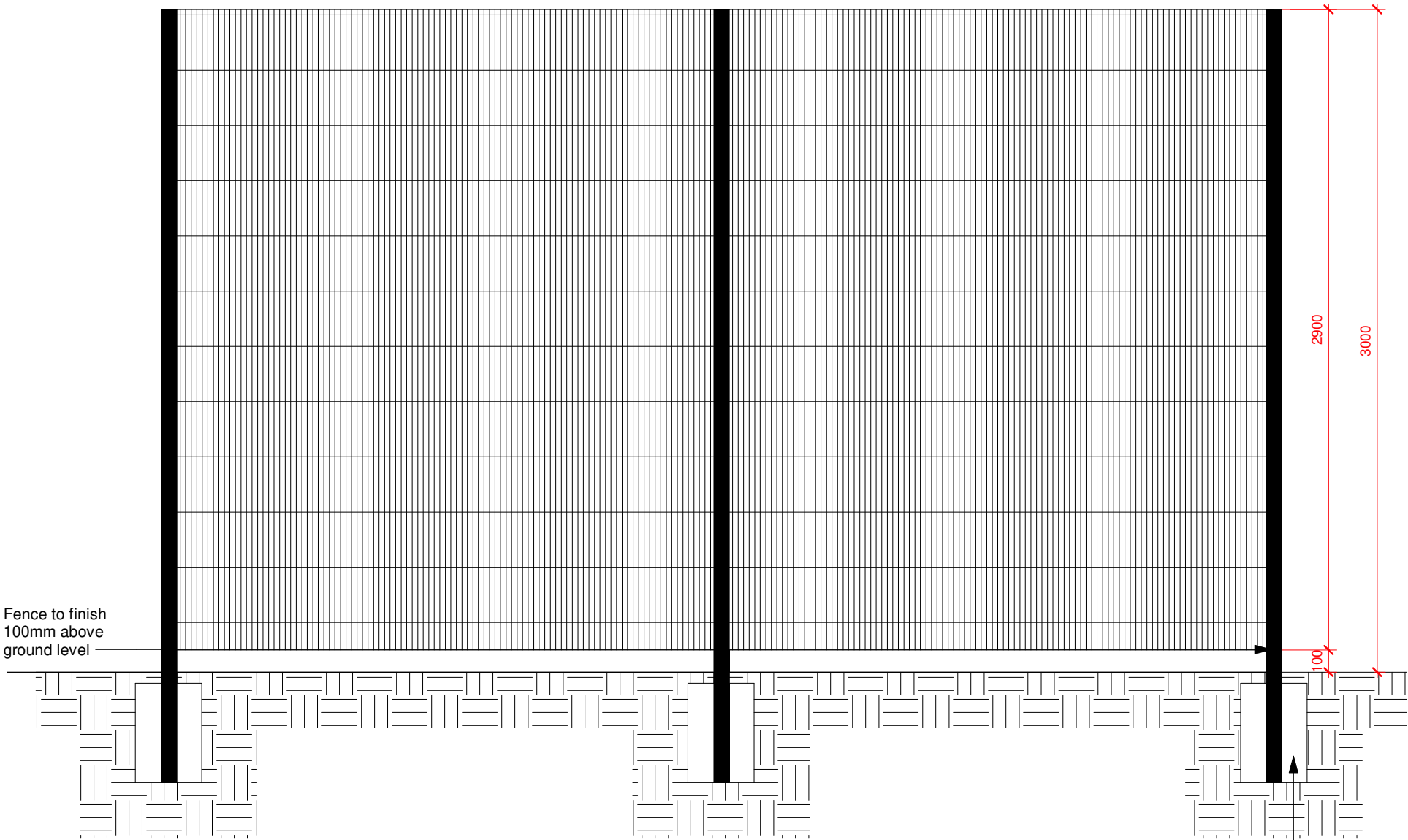
05-ZZ_Site Plan as Proposed (Proposed Fencing)

1:250



Examples of anti-climb fencing installed around the secondary school

1:25



Anti-Climb Fencing Elevation

1:25

500x500x250thk C28/35 mass concrete Pad Foundations

P4	Red Line Boundary Amended and Dimension Disclaimer Removed	TO	18.07.23	AL
P3	Drawing Update	TO	13.07.23	AL
P2	Drawing Update	TO	05.07.23	AL
P1	First Issue	TO	04.07.23	AL
Rev	Revision Details	Drawn	Date	Checked



Project Management • Architecture • Building Surveying • Cost Consultancy



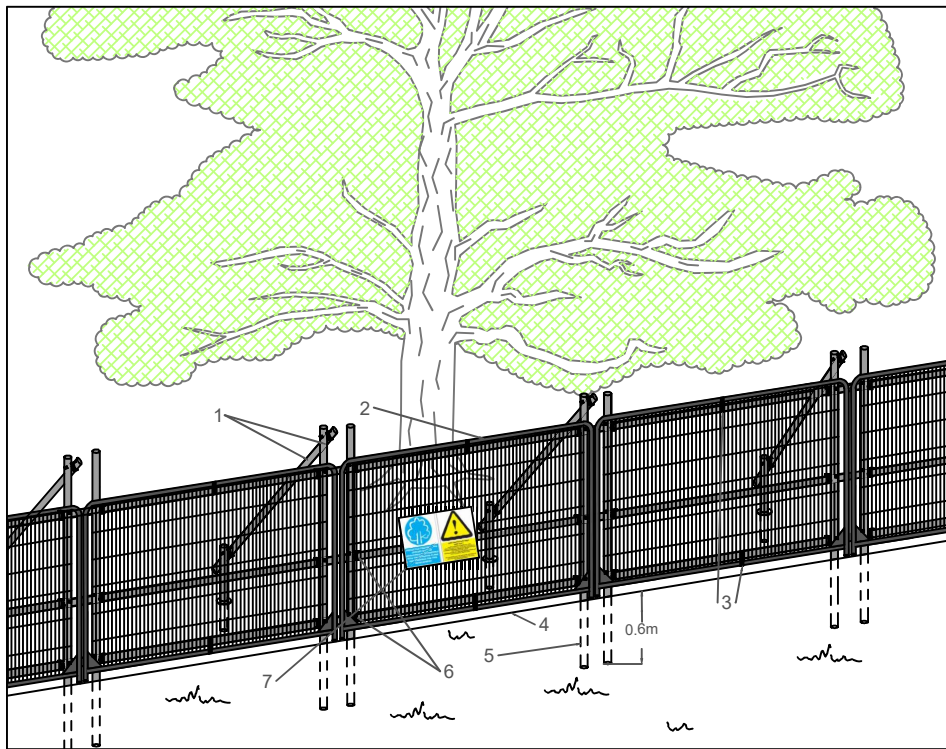
Project
Lakeside School
Liverpool

Drawing Title
Proposed Fencing

Status Purpose of Issue
S2 SUITABLE FOR INFORMATION

Drawn by	TO	Created	03.07.23
C4 Job no.	20-034	Scale	As indicated @ A1

Drg no.	20034-C4P-AV-ZZ-DR-A-0558	Rev	P4
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Standard specification for protective barrier

1. Standard scaffold poles
2. Heavy gauge 2m tall galvanized tube and welded mesh infill panels
3. Panels secured to scaffold frame with wire ties
4. Ground level
5. Uprights driven into the ground until secure (min depth of 0.6m)
6. Standard scaffold clamps
7. Construction Exclusion Zone signs



Above ground stabilising systems

1. Stabiliser strut with base plate secured with ground pins
2. Feet blocks secured with ground pins
3. Construction Exclusion Zone signs

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APPENDIX B PROTECTIVE FENCING SPECIFICATIONS

CAD file: S:\Arb resources\Basic Templates\Tree Protection\Appendix B - Protective Fencing A4.dwg