Proard Ltd | Proarb House | Abergele Road
Bodelwyddan | Sir Denbighshire | LL18 5WQ
T: 0845 017 8245 E: admin@proarb.co.uk
www.proarb.co.uk

20th July 2020

To whom it may concern,

REF: TREES AT LLYS ANWYL, CHURTON ROAD, RHYL

Following instruction from our client, Proarb Ltd. did visit Llys Anwyl, Churton Road, Rhyl, for the purposes of assessing trees on site in compliance with BS5837:2012. A total of 4 individual trees, 3 groups, 1 hedge and 3 third party trees located beyond the site boundary, were surveyed as part of this instruction. The tree survey schedule and tree constraints plan (TCP-01) which accompany this letter, document tree particulars, management recommendations, position of trees on site, crown spreads and root protection areas. Tree numbers 1135, 1136 and 1137 are subject to protection by Tree Preservation Order (TPO reference G8, Rhyl); tree number 1134 is not included in this order.

The proposed scheme (yet to be finalised) involves the conversion of the existing office building into living accommodation. The car parking area is to be redesigned to incorporate new amenity seating areas, electric buggy pods, car port, bin storage and revised parking bays. It has been suggested that the existing drainage run at the front of the plot may need to be modified, which would entail running additional drains into the building, within close proximity to tree numbers 1136 and 1137. Any excavation work required within the root protection areas of these trees is likely to negatively impact upon their rooting volume and should be avoided. It is proposed that the existing sub-base located within the root protection areas of tree numbers 1134 and 1135 is to remain in situ; this is to ensure that the rooting volume of these trees remains undisturbed for the duration of the development.

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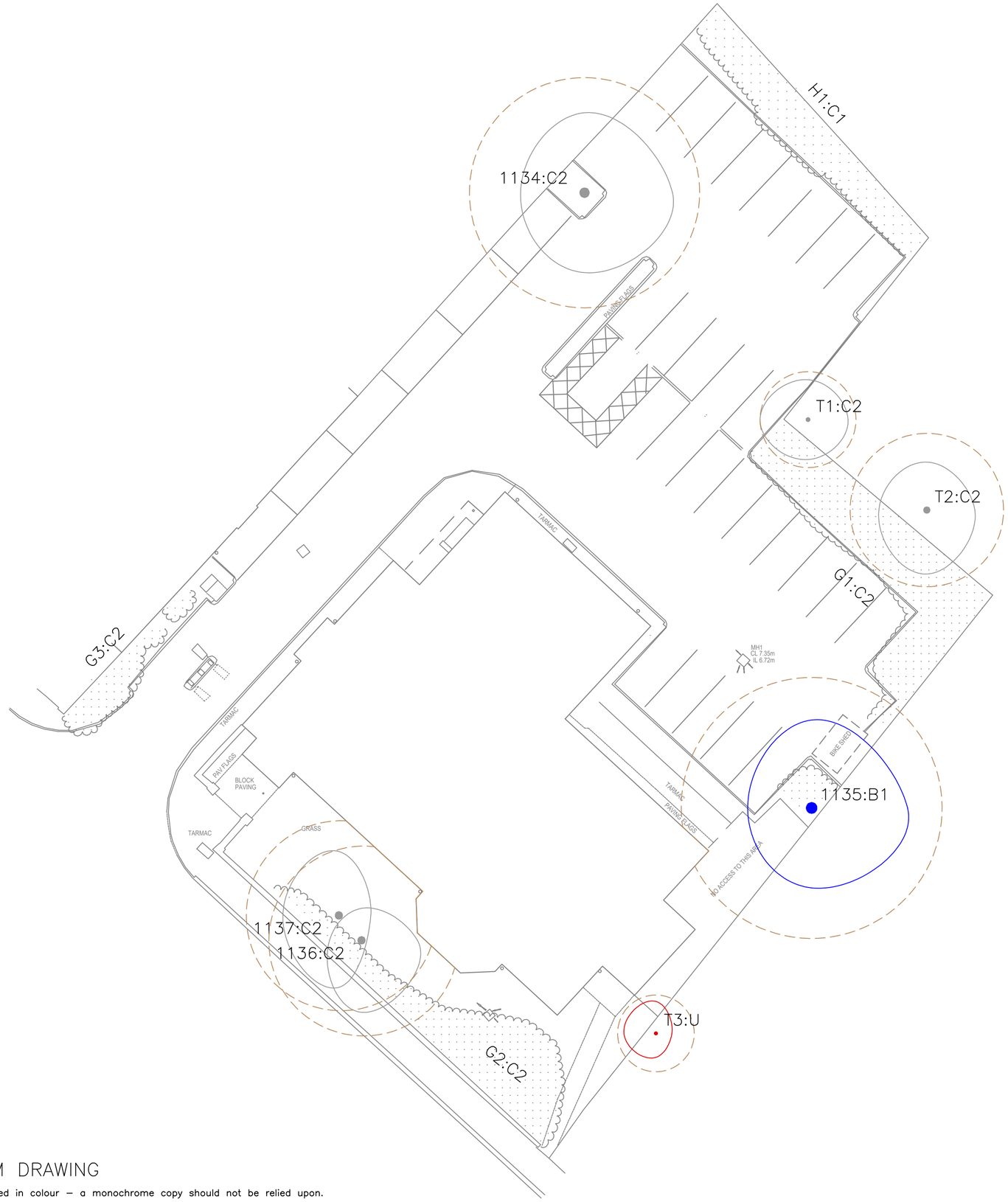
Please note, this letter is for information purposes only; a full and complete BS5837:2012 survey and report will be produced following the finalisation of the proposed scheme.

If you have any further questions relating to this document, please feel free to contact us.

Kind Regards,

Robert Jones *BSc (Hons)*



Indicative

KEY

- Tree Crown Spread
- Root Protection Area (RPA)
- Tree Stem
- T1 Tree No.

Tree Condition Category

- A
- B
- C
- U

This Tree Constraints Plan (TCP) has been prepared in accordance with British Standard BS5837:2012 Trees in relation to design, demolition and construction – Recommendations.

The original of this drawing was produced in colour – a monochrome copy should not be relied upon.

REV.	DESCRIPTION	DWN	CHK'D	DATE

CLIENT
Denbighshire County Council

PROJECT
Llys Anwyl
Churton Road
Rhyl

TITLE
Tree Constraints Plan (TCP)

DWN	DATE	CHK'D	DATE	APP'D	DATE	SCALE
RJ	16/07/2020					1:200

Proarb CYF / Ltd
Proarb House, Heol Abergele Road, Bodelwyddan, Sir Ddinbych, LL18 5WQ
Telephone: 01745 828380

0 5 10m

Drawing Number
TCP–01

A2

REV.

DO NOT SCALE FROM DRAWING

The original of this drawing was produced in colour – a monochrome copy should not be relied upon.

BS5837:2012 Compliant Tree Survey Schedule

Date: 16/07/20

Project: Llys Anwyl, Rhyl

Consultant: R Jones

Tree Ref	Species	Ht (m)	DBH (mm)	RPA (m²)	RPA RAD (M)	Crown Spread N	S	E	W	Age Class	Crown Clearance (m)	Observations	Management	BS Cat
1134	Sycamore; *Acer pseudoplatanus Aceraceae*	12	600	162.9	7.2	5#	5	5.5	4#	M	1.5	Major dieback and deadwood in upper crown, historical pruning wounds throughout with only partial occlusion, epicormic growth at base	Remove deadwood and monitor condition. If condition worsens, consider removal and replacement	C 2
H1	Privet; *Ligustrum spp. Oleaceae*	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	M	0	Managed hedge. No significant defects	No work required	C 1
G1	Mixed species group inc. sycamore natural regeneration	2 to 3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Y-MA	0	Dense unmanaged group with dense covering of bramble in places	No work required	C 2
1135	Sycamore; *Acer pseudoplatanus Aceraceae*	11	680	209.2	8.2	5.5	5#	6	4	M	2.5	Heavily ivy clad which impeded survey, dieback and deadwood in upper crown, minor leaf scorch, historical pruning wounds showing some signs of occlusion	Remove deadwood and monitor	B 1
T1	Sycamore; *Acer pseudoplatanus Aceraceae*	8.5	250	28.3	3.0	2.5	2.5#	2.5	3#	MA	2	Third Party Tree. Wall impeded survey. Natural regeneration, minor deadwood	No work required	C 2
T2	Hawthorn; *Crataegus monogyna Rosaceae*	7	400	72.4	4.8	3#	4#	3#	3#	M	2.5	Third Party Tree. Wall impeded survey. Minor deadwood, minor dieback in upper crown	No work required	C 2
T3	Sycamore; *Acer pseudoplatanus Aceraceae*	6.5	200	18.1	2.4	2	1.5#	1#	2	MA	1	Third Party Tree. Growing in tight gap between wall and neighbouring garage; forcing wall over	Remove. Third Party tree; however, it is damaging boundary wall and is of very low quality	U
G2	Mixed species group inc. sycamore natural regeneration	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	M	0	Formally planted border. No significant defects	No work required	C 2
1136	Sycamore; *Acer pseudoplatanus Aceraceae*	9.5	470	99.9	5.6	2	4.5	3.5	2	M	1.5	Heavily ivy clad which impeded survey, bifurcates at 2 metres in height- top of Northerly stem closest to building dead from 5 metres in height, unbalanced with Southerly crown bias due to close proximity to building and to neighbouring tree, epicormic growth at base, minor deadwood	Outgrown its context (too close to building); consider removal and replacement with more suitable species	C 2
1137	Sycamore; *Acer pseudoplatanus Aceraceae*	9.5	470	99.9	5.6	4	4.5	2	3.5	M	2	Heavily ivy clad which impeded survey, bifurcates at 2 metres in height- Eastern stem appears to have been topped at 3 metres in height but heavy ivy cover impeded inspection, major deadwood, decay in primary limb in upper crown- extent of decay unknown, unbalanced with southerly crown bias due to close proximity to building and to neighbouring tree	Outgrown its context (too close to building); consider removal and replacement with more suitable species. Remove deadwood	C 2

BS5837:2012 Compliant Tree Survey Schedule

Date: 16/07/20

Project: Llys Anwyl, Rhyl

Consultant: R Jones

Tree Ref	Species	Ht (m)	DBH (mm)	RPA (m²)	RPA RAD (M)	Crown Spread N	S	E	W	Age Class	Crown Clearance (m)	Observations	Management	BS Cat
G3	Mixed species group inc. sycamore natural regeneration	1 to 2.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	MA	0	Mix of formal planting and sycamore natural regeneration	No work required	C 2

Key

Tree Ref	Individual number given to trees, hedges and groups included within the survey, H; hedge, G; group
Species	Common name followed by the scientific and family name
HT	Height of tree measured in metres
DBH	Diameter at Breast Height taken at 1.5 metres, measured in millimetres
RPA	Root Protection Area in metres squared
RPA RAD	Radius of Root Protection Area measured in metres
Crown Spread	Measured in metres along the four compass points (NSEW)
Age Class	NP; newly planted, Y; young, MA; middle aged, M; mature, OM; over mature
Crown Clearance	Ground clearance of the lowest branch, measured in metres
Observations	Information captured during site survey
Management	Mitigative advice relating to observations made
BS Cat	BS5837:2012 categorisation

Notes

used to identify estimated values; estimations only taken where physical/spatial constraints on site prevent more accurate data being collected