

BS 5837:2012 TREE SURVEY REPORT DENBIGH QUARRY

FOR THE BREEDON GROUP PREPARED BY PLEYDELL SMITHYMAN LIMITED

DECEMBER 2019

20a The Wharfage, Ironbridge, Telford, Shropshire, TF8 7NH Tel: 01952 433211 Fax: 01952 433323

e-mail: psl@pleydellsmithyman.co.uk

Reference	Contents	Page Number
1.0	Introduction	3
2.0	Limitations	3
3.0	Site Visit	4
4.0	Site Description	4
5.0	Methodology	4
6.0	Summary of Findings	8
7.0	Legislation & Protection	8
8.0	Development Proposals	10
9.0	Arboricultural Impact Assessment	11
10.0	Arboricultural Method Statement	13

Appendices

Appendix 1 – Tree Survey Schedule

Appendix 2 – Tree Survey Drawings

Appendix 3 – Development Proposals

Appendix 4 – Tree Preservation Order Map

Appendix 5 – BS 5837 Cascade Chart for Tree Quality
Assessment

1.0 INTRODUCTION

- 1.1 Pleydell Smithyman Limited has been instructed by the Breedon Group to undertake a Tree Survey on land to the west of Denbigh Quarry, which is proposed to allow the expansion of extraction works westwards. Denbigh Quarry is located off Plas Chambres Road, to the north of the town of Denbigh, in Denbighshire.
- 1.2 The report has been produced to assess the likely impacts to the trees present on site which may be brought by the proposed extension of the quarry.
- 1.3 As part of this, the report provides details of the structure, condition and quality of individual trees, and tree groups present within the survey area. Specifically the report provides information concerning the approximate size of root protection areas (RPA) of relevant trees which may be affected by the proposed development.
- 1.4 The survey and assessment has been carried out in accordance with BS5837:2012 'Trees in relation to Design, Demolition and Construction'. A description of the methodology used and limitations and assumptions made during the survey is given in Sections 2 and 5 below.

2.0 LIMITATIONS

- 2.1 This survey should be regarded as an initial appraisal and observations, assessments or recommendations relating to foundation design, material specification or project design and methods of working are beyond the scope of the study.
- Tree rooting characteristics and soils are both enormously variable, as are their interactions. This makes attempts to quantify subsidence risk assessment impossible. No effort has been made to assess subsidence risk potential nor should any be construed. Obvious structural damage may be noted in the text, but any observations of this nature will be cursory. Further reports from a suitably qualified surveyor or structural engineer will be required.
- 2.3 Whilst every effort has been made to detect defects relating to the trees inspected, no guarantee can be given as to the absolute safety or otherwise of any individual tree. Extreme climatic conditions can cause damage to even apparently healthy trees. All recommendations are given in the context of the site's current usage; any change will necessitate a re-inspection.

2.4 Please note that trees are living organisms which are subject to change and best practice dictates that they are inspected on an annual basis for reasons of safety, although lower inspection timescales may be given in the report where it is deemed necessary.

3.0 SITE VISIT

3.1 A site visit to carry out the BS 5837 survey was undertaken on the 11th October 2019 to assess the current condition of the trees present.

4.0 <u>SITE DESCRIPTION</u>

- 4.1 The land proposed for expansion of the quarry includes pastoral fields to the west of the quarry, as well as a band of trees located between the farmland and the quarry, and the northern extent of woodland which has established on a historic mound of quarry overburden. The survey includes all planting within and adjoining the extraction area and land affected by proposed quarry operations, including new earth mounds.
- 4.2 The area is located within the administrative area of Denbighshire County Council.
- 4.3 The site is located at grid reference E:304771, N:367052.

5.0 **SURVEY METHODOLOGY**

- 5.1 The following survey is based upon the findings of the visit and the conditions found on the day. This survey provides quantitative data relating to tree species, height, stem, diameter, height and direction of first significant branch, crown spread, age class and a brief qualitative assessment on tree condition and future potential.
- 5.2 With reference to BS 5837:2012 'Trees in relation to design, demolition and construction Recommendations', an assessment of the tree resource has been undertaken following guidance in BS 5837:2012 and a calculation has been made for the theoretical Root Protection Areas (RPA) as noted in the survey schedule in metres.
- 5.3 The locations of the trees surveyed are illustrated on the Tree Survey Plan which is included in Appendix 2 of this report.

- 5.4 Information recorded in the BS 5837 survey includes the following:
 - Sequential Survey Reference Number Recorded on the survey plan. Individual trees recorded have been given the prefix 'T' followed by 1,2,3 etc. Tree groups have been given the prefix 'G' followed by 1,2,3 etc. Hedgerows have been given the prefix 'H' followed by 1,2,3 etc.
 - Species The species identification is based on visual observations and the common English name is listed first, followed by the botanical name.
 - Tree Heights These are estimated in metres.
 - **Stem Diameters** Measured by and recorded in millimetres to the nearest 10mm. In the case of groups of trees, the maximum diameter is recorded.
 - **Crown Radius** Recorded in metres along each cardinal point. In the case of groups the maximum peripheral spread is recorded.
 - Existing Height Above Ground Level This is measured in metres, and relates to the first significant branch and direction of growth (e.g 2.5 West) to inform ground clearance, crown stem/ratio and shading.
 - Life Stage Recorded as prescribed in BS 5837:2012 (e.g Young (Y), Semi Mature (SM), Early Mature (EM), Mature (M), Over Mature (OM), Veteran (V)).
 - Condition Individual assessment of Crown, Stem & Basal area. Overall
 assessments are made relating to the trees Structural and Physiological
 Condition (e.g. the presence of any decay and physical defect). In the
 case of groups and/or woodlands the condition stated will be typical of
 the feature.
 - **Life Expectancy** estimated; and recorded as follows: Less than 10 years, 10-20 years, 20-40 years, more than 40 years.
 - Retention Category given as follows and corresponds with Table 1 of BS 5837:2012 (included within the Appendices section of this report).
 - A- Trees of high quality and value, including visual amenity value (sub categories 1,2,3). It is usual for such trees to be retained unless the planning merits of a particular scheme or layout over-ride.
 - B- Trees of moderate quality and value, including visual amenity value (sub categories 1,2,3). Such trees should be considered for retention.

- C- Trees of low quality and value, including visual amenity value (sub categories 1,2,3).
- **U** Trees in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.

Sub categories – trees in categories A to C will qualify under one or more of three sub categories (1,2,3). Sub categories 1, 2 & 3 are intended to reflect Arboricultural, Landscape Qualities, and Cultural Values respectively.

The tree survey schedule will list which sub category applies. It is intended that each sub category has equal weight such that, for example, an A1 tree has the same retention priority as an A2 tree. It is possible for a tree to qualify under more than one criterion.

• Root Protection Area (RPA) – This is calculated based on the average measure of the trees stem diameter in mm. In respect of all Category A, B and C trees which are proposed to be retained, the RPA has been calculated and is given in the Tree Survey Schedule, and is also be illustrated in the Tree Protection drawing. The figure given represents the radial distance, from the trees trunk, at which the barriers should be erected. The RPA is calculated in accordance with section 4.6 of BS 5837:2012.

For single stemmed trees, the RPA should be calculated as an area equivalent to a circle with the radius 12 times the stem diameter. For trees with more than one stem, one of the two calculation methods below should be used. The calculated RPA for each tree should be capped at 707m².

(a) For trees with two to five stems, the combined stem diameter should be calculated as follows:

```
\sqrt{ (\text{stem diameter 1})^2 + (\text{stem diameter 2})^2 + (\text{stem diameter 5})^2 }
```

(b) For trees with more than five stems, the combined stem diameter should be calculated as follows:

```
(mean stem diameter)<sup>2</sup> x number of stems
```

The RPA for each tree will initially be plotted as a circle on the base of the stem. Where pre-existing site conditions or other factors indicate that rooting has occurred asymmetrically, a polygon of equivalent area will be produced. Modifications to the shape of the RPA will reflect a soundly based arboricultural assessment of likely root distribution. Any deviation in the RPA from the original circular plot will take account of the following factors whilst still providing adequate protection for the root system:

- The morphology and disposition of the roots, when influenced by past or existing site conditions (e.g. the presence of roads, structures and underground apparatus);
- b) Topography and drainage;
- c) The soil type and structure;
- d) The likely tolerance of the tree to root disturbance or damage, based on factors such as species, age, condition and past management.
- 5.5 The trees were initially inspected from the ground using 'Visual Tree Assessment' techniques; this is the method generally adopted and is appropriate in this instance. All trees and groups of trees inspected are listed in the Tree Survey Schedule (included in Appendix 1 of this report) and are numbered on the plans which accompany this report (included in Appendix 2 of this report).
- 5.6 Trees which have been assessed as exhibiting similar characteristics have been defined as a tree group in accordance with recommendations included in BS5837:2012 which defines tree groups as, "Trees that form cohesive arboricultural features either aerodynamically, visually or culturally." Where this is the case, qualities considered to be representative of the group (e.g. the average stem diameter, average height etc.) have been recorded. Any marked differences noted within a grouped area (e.g. qualities that are not indicative of the group as a whole, or where individual trees present within a group may pose a specific hazard), have been highlighted in the appropriate section of the schedule (under relevant group reference) to ensure that all relevant information is recorded. The same approach has been taken in relation to recording the condition of woodlands.
- 5.7 Individual trees present within a group which are worthy of note or comment have been highlighted in the Tree Survey Schedule, to ensure that notable aspects relating to the condition of individual trees are covered, even if these do not relate to all trees present within the wider defined group or woodland.

6.0 SUMMARY OF FINDINGS

- 6.1 In total, 35 No individual trees, 6 No. tree groups, and 4 No. hedgerows were surveyed.
- 6.2 The individual trees included 1 No. Category A tree (T29), 3 No. Category B trees (T16, T34, T35), 26 No. Category C trees (T1, T2, T5 to T9, T11, T13, T14, T15, T17 to T20, T22 to T28, T30 to T33), and 5 No. Category U trees (T3, T4, T10, T12, T21).
- 6.3 The tree groups included 1 No. Category B tree group (G2), and 5 No. Category C tree groups (G1, G3, G4, G5, G6).
- 6.4 The individual trees present predominantly include Ash and Oak, as well as Hawthorn, Crab Apple, and Sycamore. Species present within the tree groups and woodland included Oak, Ash, Hawthorn, Blackthorn, Hazel, Sycamore, Horse Chestnut, Scots Pine, Holly, Elm, Elder, Silver Birch, Guelder Rose, and Willow.
- 6.5 Please note that all recommendations relating to the trees surveyed are included in the Survey Schedule, included in Appendix 1 of this report.

7.0 LEGISLATION & PROTECTION

Tree Preservation Orders:

- 7.1 Trees in the United Kingdom may be protected by a Tree Preservation Order (TPO).
- 7.2 Government guidance in relation to Tree Preservation Orders and trees in Conservation Areas states that: "Tree Preservation Orders are made by the Local Planning Authority to protect specific trees, groups of trees or woodlands in the interests of amenity. An order prohibits the:
 - cutting down;
 - topping;
 - lopping;
 - uprooting;
 - wilful damage; and
 - wilful destruction

of trees without the Local Planning Authorities written consent." "In the

Secretary of State's view, cutting roots is also a prohibited activity and requires the authorities consent."

7.3 Prior to undertaking work on trees protected by a TPO, permission must be sought from the Local Planning Authority by submitting a standard application form.

Conservation Areas:

- 7.4 Trees in the United Kingdom may be protected if they are situated within a Conservation Area.
- 7.5 In order to undertake any work to trees present within Conservation Areas, it is a requirement to notify the Local Planning Authority of the work proposed using a Section 211 Notice. The Council must be notified 6 weeks before undertaking the work. The work may go ahead at the end of the 6 week period if the Local Planning Authority gives consent.
- 7.6 Note: trees within Conservation Areas which are already protected by a TPO are subject to the normal procedures and controls relating to the TPO.

Ancient Woodland and Trees

Ancient Woodland

- 7.7 Government guidance defines **Ancient Woodland** as "any area that's been wooded continuously since at least 1600 AD. It includes:
 - Ancient semi natural woodland mainly made up of trees and shrubs native to the site, usually arising from natural regeneration
 - Plantations on ancient woodland sites replanted with conifer or broadleaved trees that retain ancient woodland features, such as undisturbed soil, ground flora and fungi.
 - Wood pastures identified as ancient
 - Historic parkland, which is protected as a heritage asset in the NPPF."

Ancient Trees

7.8 **Ancient Trees** are defined as individual trees of groups of trees within wood pastures, historic parkland, hedgerows, orchards, parks or other areas.

- 7.9 The Woodland Trust states that "a tree is defined as ancient if it is:
 - in the third or final stage of its life (this stage can go on for decades or centuries)
 - [an] old relative to others of the same species
 - interesting biologically, aesthetically or culturally because of its great age."

Veteran Trees

- 7.10 The Woodland Trust states that all "ancient trees are **Veteran Trees**, but not all veteran trees are old enough to be ancient." And that, "Veteran trees are usually only in their second or mature stage of life."
- 7.11 Government guidance states that, "a veteran tree may not be very old, but it has decay features, such as branch death and hollowing. These features contribute to its biodiversity, cultural and heritage value."

Designations Relating to the Site:

- 7.12 A band of trees within woodland located to the south of the quarry are protected by a TPO ref. W9 (Borough of Denbigh). Please see Appendix 4 for an extract of a plan showing the extent of the TPO, taken from the Denbighshire County Council website, as well as a map showing protected trees, received from the council.
- 7.13 The site is not located within a Conservation Area.
- 7.14 The Woodland Trust Ancient Tree Inventory records no ancient or veteran trees within the site.

8.0 <u>DEVELOPMENT PROPOSALS</u>

- 8.1 It is proposed to undertake sequential mineral extraction across the site.
- 8.2 The development proposals are illustrated in drawing M18.155.D.025, which is included in Appendix 3 of this report.

9.0 ARBORICULTURAL IMPACT ASSESSMENT

- 9.1 A series of Tree Protection Plans are included in Appendix 2 of this report which identify trees proposed for retention, protection and removal in relation to the proposed development.
- 9.2 In total, 25 No. individual trees, 4 No. tree groups and 3 No. hedgerows require removal to facilitate the scheme.
- 9.3 Of these, the individual trees proposed for removal comprise 1 No. Category A tree (T29), 1 No. Category B tree (T16), 20 No. Category C trees (T8, T9, T11, T13, T14, T15, T17, T18, T19, T20, T22, T23, T24, T25, T26, T27, T28, T30, T31, T33, and 3 No. Category U trees (T10, T12, T21).
- 9.4 The tree groups comprising part of G3, as well as G4, G5 and G6, have all been assessed as being Category C.
- 9.5 The hedgerows proposed for removal include Category B hedgerow H4, and Category C hedgerows H2 and H3.
- 9.6 The impact of removing Category A tree T29 has been assessed as being **High** due to its categorisation and overall Good assessed physiological and structural condition.
- 9.7 Given its categorisation as a Category B tree, the impact of removing T16 reduced in comparison. Overall the impact is considered to be **Moderate**.
- 9.8 The removal of the Category C trees is considered to be reduced due to their low assessed value and poor forms. A number of defects were recorded including presence of Inonotus fungus (T15, T22, T23, T24, T26, T28), poor basal areas (T9, T12, T18, T20, T24, T27, T28, T30, T33), poor stems (T9, T13, T17, T18, T20, T23, T24, T28, T30, T33), and stem failure (T22, T28). Such defects are considered to be significant and are likely to reduce the lifespan of the trees. In addition, T11 was considered to be in decline, and other defects such as sparse canopies and failed branches were noted in relating to trees T11, T14, T23 and T13, T19, T24, T25 respectively.

- 9.9 It is important to note that of the 20 No. Category C trees proposed for removal, 6 No. are Hawthorn trees (T8, T9, T18, T20, T30 and T31). All were assessed as being mature, and overall are considered to be in decline due to presence of defects.
- 9.10 Taking into account the above, overall the impacts relating to the removal of Category C trees T8, T9, T11, T13, T14, T15, T17, T18, T19, T20, T22, T23, T24, T25, T26, T27, T28, T30, T31, T33, are considered to be **Low**.
- 9.11 Given the limited future potential of the Category U trees T10, T12, and T21, which all have poor assessed canopies, stems and basal areas, the impacts of the removal of these trees are considered to be **Negligible**.
- 9.12 The impacts relating to the partial removal of the Category C trees present within tree group G3, as well as the removal of tree groups G4, G5 and G6 are considered to be **Low** due to their semi mature age class, lack of management and defects present including poor unions, compression forks, as well as the presence of some dead specimens present within.
- 9.13 The impacts of the removal of Category C hedgerows H2 and H3 are considered to be minimal, with medium impact resulting from the removal of Category B hedge H4.

<u>Trees Proposed for Retention</u>

- 9.14 It is proposed that all other trees present on site are retained and protected by tree protection fencing in accordance with the requirements of BS 5837:2012, as part of the development proposals.
- 9.15 Please see the Arboricultural Method Statement below in combination with the Protection Plans included in Appendix 2 of this report, for recommendations relating to the protection of trees to be retained.
- 9.16 Subject to adherence with the tree protection measures recommended below and on the associated plans, it is not considered that the proposed works will adversely affect the trees proposed for retention.

9.17 Please see the Tree Survey Schedule, included in Appendix 1 of this report, which notes specific recommendations relating to arboricultural works to trees to be retained.

10.0 ARBORICULTURAL METHOD STATEMENT

- 10.1 The Tree Protection Plans included in Appendix 2 of this report illustrate the recommended RPA's of trees to be retained and recommended locations for tree protection fencing.
- 10.2 Prior to the commencement of construction works the RPA's relating to the trees to be retained will require marking out (encompassing a circle around the trees with a radii noted in the BS 5837 Tree Schedule in Appendix 1, and illustrated in the Tree Protection Plan in Appendix 2).
- 10.3 Note: where the RPA's are on adjacent third party land, facing away from the development site, just the section of RPA's present within the site area will require marking out.
- 10.4 Protective barrier fencing is to be erected in accordance with the requirements of BS5837:2012 (see specification included in Appendix 4 of this report), to the extent of the RPA's marked out, and to accord with the tree protection fencing illustrated in drawings M18.155.D.033 to 036. The fencing will define Construction Exclusion Zone's (CEZ) to ensure that all works access is prevented within tree RPA's and canopy spread's, to ensure that the works do not adversely affect the trees to be retained. The protective fencing is to be erected prior to the commencement of works on site, and is to remain in place for the duration of the works.
- 10.5 In addition, to ensure that the trees present along the southern extent of the application boundary (beyond the proposed limit of extraction and limit of operations), remain unaffected by the works it is proposed that a CEZ is defined to the south of the site.
- 10.6 All personnel are to be made aware of the restrictions to working within the RPA's and CEZ's, within which no works access is permitted. Personnel are to be made aware that such areas are to be fenced and maintained as construction exclusion zone's for the entirety of the works, in order to

protect the RPA's in accordance with BS 5837:2012. No mechanical equipment/vehicles are to be allowed within the RPA's, and storage of materials, vehicle tracking, storage of fuel/oil, soil stockpiling, and excavation works/alterations to ground levels are not permitted.

- 10.7 Given the close proximity of trees to be retained to the working area, it is imperative that tree canopies and aerial branches of these trees are not damaged by the works. Operatives are to be suitable briefed with respect of all locations where tree canopies may extend over the working area to take care to ensure than damage is not caused by vehicles or any operations associated with the works. In addition, any plant in close proximity to trees should be conducted under the supervision of a banks-man to ensure that adequate clearance from trees is maintained at all times.
- 10.8 No fires are to be lit within 20m of tree stems to be retained, and all new services and drainage are prohibited through tree RPA's.

<u>Additional requirements</u>:

- 10.9 Recommendations for works to be undertaken to improve the continued establishment of the trees present on site are included in the Tree Survey Schedule which is included in Appendix 1 of this report. All works, including the tree felling work, are to be undertaken in accordance with BS 3998:2010 by suitably qualified personnel, with adequate insurance and in accordance with up to date and relevant health and safety legislation.
- 10.10 All tree/scrub removal works are to be undertaken outside the bird nesting season (which runs from March to August).
- 10.11 Overhead lines present within close proximity to trees requiring work, or to be felled, are to be identified and appropriate measures taken to ensure safe working near to these lines, including the production of risk assessments and method statements. Please note that detailed locations of overhead lines have not been included as part of this survey, and any references to cables should be acknowledged as cursory.
- 10.12 In any calendar quarter you may fell up to 5 cubic metres on your property without the need to obtain a felling licence, as long as no more than 2 cubic

metres are sold. It is an offence to fell trees without a licence where one is required. A felling licence can be obtained from the Forestry Commission. Please note that certain types of felling do not need permission, please see the Forestry Act 1967 for the list of exemptions.

10.13 Please note that permission would need to be gained from the appropriate land owner to carry out works to trees which are present outside the site boundary, on third party land.

APPENDIX 1

BS 5837:2012 TREE SURVEY SCHEDULE

BS5837:2012 Tree Survey

Project: Denbigh Quarry Survey Date: 11/10/2019

Tree and Tag No			5	tems	Cr	nwo		RP	-		Preliminary Recommendations	
Species		Hght (m)	No	(mm)	Spread (m)	Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	ERC
G1											Estimated	Measurement
A Group		15	0		N	9	M	A: 0	Fair	C: Fair		B.1.2
					E S W	9 9		R: 0		St Fair B: Fair	Tree group including predominantly Oak, young self-set Ash, Hawthorn, Blackthorn, Hazel to the south (as hedge row). The full details of this tree group have not been recorded as it is beyond the area affected by the proposed development. The area appears to be unmanaged. Mature trees are located within this area (recorded as T34 and T35).	
G2											Estimated	Measurement
A Group		18	1	570	N	8	M	A: 147	Good	C: Fair	Tvy :: Sever only	8.1.2.3
					Ē S	8		R: 6.84		S: Good B: Fair	Remove :: Major dead wood	20 to 40 yrs
					W	8					Tree group including predominently Oak. Ash, Sycamore, Hazel, Horse Chestnut, Elm, Scots Pine, Hawthorn, Blackthorn Holly also present. Located immediately to the north of the stone wall. Trees are experiencing light suppression due to close proximities, and unbalanced canopies, with over extended branches to the south. Self set understory growth present. Ivy present, and some dead wood. The full details of this tree group have not been recorded as it is beyond the area affected by the proposed development.	
G3											Estimated	Measurement
A Group		5	1	90	N	3	SM	A: 3.7	Fair	C: Fair		C.2
44					E S	3		R: 1.08		S: Fair	Tree group including Hazel, Holly, Ash, Hawthorn, Elder, Field	10 to 20
					W	3				B: Fair	Rose, Blackthorn, Silver Birch, Guelder Rose. The group is located to the west of the bund (west of the track). Group appears to be unmanaged, with some self set species.	yrs
Age Classifications:	N	Newly plant	led		Mature		Condit				Stems: Ø Diameter	Stanton V
	SM	Young Semi-matur	e .	M Mati	Mature			S		1	(Eq) Equivalent stem diameter using BS5837:2012 ERC: Estimated Remaining Contributio	definition

Page 1

TreeMinder

17 December 2019

Tree and Tag No		Uabt	S	tems	Cr	own		RP	Phys	Structural	Preliminary Recommendations	Cat
Species		Hght (m)	No	Ø (mm)	Spread (m)	Clear (m)	Age	A (m²) R (m)	Condition		Survey Comment	ERC
G4										ı	Estimated Mo	easurements
A Group		5	1	90	N	2	SM	A: 3.7	Fair	C: Fair		C.2
					Е	2		R: 1.08		S: Fair	Tree group including Hawthorn, Hazel, Guelder Rose,	10 to 20
					S W	2				B: Fair	Blackthorn, Willow, Ash, Lime. Located to the west of the boundary fence, on a west facing embankment. Group appears to be unmanaged. Trees are at 2-3m spacings.	yrs
G5											Estimated Mo	easurements
A Group		8	1	170	N	4	SM	A: 13.1	Fair	C: Fair		C.2
					Е	4		R: 2.04		S: Fair	Two group located on ambanisment ton. Checker procent	10 to 20
					S	4				B: Fair	Tree group located on embankment top. Species present include Ash, Lime, Rowan, Silver Birch at 2m spacings.	yrs
					W	4					Southern extent of group includes predominantly Lime with Ash, Hawthorn, Blackthorn at 3m spacings. Group appears to be unmanaged, with some dead specimens present. Defects present include poor unions, and compression forks.	ŕ
G6											Estimated M	easurements
A Group		8	1	240	N	3	SM	A: 26.1	Fair	C: Fair		C.2
					Е	3		R: 2.88		S: Fair	Tree group runs parallel with the western field boundary.	10 to 20
					S W	3				B: Fair	Trees present within are at 3m spacings. Species present include Rowan, Birch, Ash (many of the Ash are in poor condition), Lime, Hazel, Hawthorn, Spindle, Blackthorn, Rowan. Defects present include sparse canopies, failed branches, light suppression.	yrs
H1											Estimated M	easurements
A Group		2	1	30	N	1	М	A: 0.4	Fair	C: Fair		C.2.3
					Е	1		R: 0.35		S: Fair	Hedgerow including Hawthorn, Field Rose.	20 to 40
					S	1				B: Fair	rieugerow including riawciom, riela Rose.	yrs
					W	1						
H2											Estimated Mo	easurements
A Group		2	1	30	N	1	М	A: 0.4	Fair	C: Fair		C.2
					Е	1		R: 0.35		S: Fair	Hedgerow including Hawthorn, Field Rose, Blackthorn, with	20 to 40
					S	1				B: Fair	Gorse to the south. Hedge is located to the west of the	yrs
					W	1					boundary fence, and is managed.	
Age Classifications:	N	Newly plante		-	Mature		Condit				Stems: Ø Diameter	£
	Y	Young		M Matu				S			(Eq) Equivalent stem diameter using BS5837:2012 de	Tinition
	SM	Semi-mature	e (OM Over	iviature			В	Basal are	а	ERC: Estimated Remaining Contributio	

Tree and Tag No		Hght		Stems	5	(Crown		RP	Phys	Structural	Preliminary Recommendations	Cat
Species		(m)	No		Ø nm)	Sprea (m)	d Clea (m)		A (m²) R (m)	Condition	Condition	Survey Comment	ERC
Н3												Estimated Me	asurements
A Group		3	3	30	(Eq)	N	1	М	A: 0.4	Fair	C: Fair		C.2.3
						E S W	1 1 1		R: 0.35		S: Fair B: Fair	Hedgerow including Hawthorn, Field Rose, Ash, Elder, Blackthorn, Bramble, Holly. Located to the west of the wood, to the east of the fence.	10 to 20 yrs
H4												Estimated Me	asurements
A Group		4	5	30) (Eq)	N	1	М	A: 0.4	Good	C: Good		B.2.3
						E S W	1.5 1 1.5		R: 0.35		S: Fair B: Fair	Hedgerow including Hawthorn, Blackthorn, located to the east of the fence.	10 to 20 yrs
T1												Estimated Me	asurements
Common Oak		18	1	96	0	N	7	М	A: 417	Poor	C: Fair	End weight reduction :: 20%	C.2
Quercus robur						Е	9		R: 11.52		S: Fair	Remove :: Faulted branch/limbs	10 to 20
						S	11				B: Good	Remove Funded braining imbs	yrs
						W	8					Located immediately to the north of the wall. Failed branch hanging at 10m height, another at 3m height. Large failed branch to the west has pruning wounds with poor occlusion. Tree has an over extended canopy to the south due to light suppression from neighbouring trees. Tree has a sparse canopy and advantageous growths, indicating that the tree is stressed. Recommendation to alleviate end loading weight to the south.	
T2													
Common Ash		17	1	50	0	N	4	М	A: 113.1	Fair	C: Fair	Remove :: Major dead wood	C.2
Fraxinus excelsior						E S W	5 9 4		R: 6		S: Good B: Fair	Tree is located immediately to the south of the stone wall. It has a sparse canopy and advantageous growths, indicating that the tree may be stressed. Pruning wounds present with poor occlusion generally. Bulging basal area with suckers present. Some major dead wood. Unbalanced canopy due to light suppression from neighbouring trees.	10 to 20 yrs
Age Classifications:	N Y SM	Newly plant Young Semi-matu		EM M OM	Early I Mature	9		Condit	ion: C S B	Stem	a	Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 def ERC: Estimated Remaining Contributio	inition

Tree and Tag No		Habt	5	Stems	Cı	rown		RP	Dhus	Churchinal	Preliminary Recommendations	Cat
Species		Hght (m)	No	Ø (mm)	Spread (m)	Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	ERC
T3								'			Estimated Mea	asurements
Common Ash		15	1	560	N	3	М	A: 141.9	Poor	C: Poor	Fell :: Fell to ground level	U
Fraxinus excelsior					Е	2		R: 6.72		S: Poor		n/a
					S W	8 4				В:	There are signs of possible Inonotus fungus present on the bark. The tree has poor form and a sparse canopy. Major dead wood present. Bark wound approximately 1m in length to the western branch at 4m height. Tree is stressed and is considered to be in decline. As such it is recommended that it is felled.	
T4											Estimated Mea	asurements
Common Ash		16	1	510	N	2	М	A: 117.7	Poor	C: Poor	Fell :: Fell to ground level	U
Fraxinus excelsior					Е	5		R: 6.12		S: Poor		n/a
					S W	3				В:	Tree is located to the north of the stone wall. Canopy is sparse, with approximately 20% canopy present. The tree has very poor vitality, and poor occlusion to pruning wounds, as well as a high proportion of dead wood. For these reasons it is recommended that it is felled.	·
T5											Estimated Mea	surements
Common Oak		12	2	574 (Ed	q) N	5	М	A: 149	Fair	C: Fair		C.2
Quercus robur					Е	5		R: 6.88		S: Fair	Tree is located to the north of the stone wall. Multistems have	10 to 20
					S	7				B: Fair	fused at 1.6m height. Stubs present. Advantageous growths	yrs
					W	6					present, indicating that the tree may be stressed. Brash and rubbish dumped at the base of the tree to the south.	
Т6												
Common Ash		13	1	920	N	6	М	A: 383	Fair	C: Fair	See Comment :: See Comment	C.2
Fraxinus excelsior					E	6		R: 11.04		S: Poor	Tree is located immediately to the south of the fence. It has a	10 to 20
					S W	7 6				B: Poor	sparse canopy, compression fork, rubbing branches at 1.5m height, stubs, major dead wood, a hazard beam to the southern branch. Good occlusion evident. Wooden fence and barbed wire embedded in to northern face of stem at 1m height. Consider removal, as this tree is likely to fail in the future.	yrs
Age Classifications:	N Y	Newly plante Young Semi-matur		EM Early M Matu OM Over			Condit	ion: C S B	Crown Stem		Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 defin	nition

Tree and Tag No			9	Stems	Cı	rown		RP		<u> </u>	Preliminary Recommendations	۵.
Species		Hght (m)	No	Ø (mm)	Spread (m)	Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T7											Estimated Me	asurements
Common Ash		13	1	810	N	4	М	A: 296.9	Poor	C: Fair	See Comment :: See Comment	C.2
Fraxinus excelsior					Е	6		R: 9.72		S: Poor	See Comment II See Comment	<10 yrs
					S W	7 5				B: Poor	Inonotus fungus present at 4m height to the south, which will ultimately bring about the failure of this tree. Bark damage due to previous growth of Inonotus bracket 6m height. Large roots to the north have been cut to accommodate fencing. Presence of large dead branch at 6m height to the north. It is recommended that this tree is considered for removal as it is in decline.	110 yis
Т8												
Common Hawthorn		5	5	80 (Eq) N	2	М	A: 2.9	Fair	C: Fair		C.2
Crataegus monogyna					E	2		R: 0.96		S: Fair		10 to 20
					S	2				B: Fair		yrs
					W	2						
Т9												
Common Hawthorn		3	1	160	N	1	М	A: 11.6	Fair	C: Fair		C.2
Crataegus monogyna					Е	2		R: 1.92		S: Poor		<10 yrs
					S	2				B: Poor		110 yis
					W	3						
T10												
Common Ash		6	1	410	N	3	М	A: 76.1	Poor	C: Poor	Fell :: Fell to ground level	U
Fraxinus excelsior					E	3		R: 4.92		S: Poor		n/a
					S	3				B: Poor	Tree has lost a major stem to the east in the past. Good	., -
					W	3					occlusion present, but the stem is hollow as a result to the east. There is included bark between the union at 1.5m height. Recommendation to fell.	
T11 529												
Common Oak		10	1	500	N	6	M	A: 113.1	Fair	C: Fair		C.2
Quercus robur					Е	6		R: 6		S: Fair	Tree has a sparse canopy, and presence of major dead wood.	10 to 20
					S	6				B: Good	Overall it is considered that this tree is in decline.	yrs
					W	6						
Age Classifications:	N	Newly plant	ed	-	Mature		Condit				Stems: Ø Diameter	r
	Y	Young		M Matur				S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 de	rinition
	SM	Semi-matur	е	OM Over	Mature			В	Basal area	а	ERC: Estimated Remaining Contributio	

Tree and Tag No			S	tems	Cre	own		RP	Divis	Ct	Preliminary Recommendations	6-1
Species		Hght (m)	No	Ø (mm)	Spread (m)	Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
Г12 528		·										
Common Oak		8	1	460	N	4	М	A: 95.7	Poor	C: Poor	Fell :: Fell to ground level	U
Quercus robur					Е	2		R: 5.51		S: Poor		n/a
					S	2				B: Poor	This tree has very little vitality, and a high proportion of dead wood. As such it is recommended that it is felled.	.,.
					W	5					wood. As such it is recommended that it is relied.	
T13 527												
Common Ash		10	1	330	N	5	М	A: 49.3	Fair	C: Poor	Remove :: Faulted branch/limbs	C.2
Fraxinus excelsior					Е	3		R: 3.96		S: Poor	End weight reduction :: 20%	10 to 20
					S	1				B: Fair		yrs
					W	3					Tree has a sparse canopy, which is over extended to the	
											north. Wound present at 1.5m height to the north, approximately 600mm high, and is located beneath the union.	
											Dead wood present within the wound, with good occlusion	
											evident to edges. Failed branch at 2m height to the south.	
T14 526												
Common Oak		11	1	580	N	7	М	A: 152.2	Fair	C: Fair		C.2
Quercus robur					Е	4		R: 6.96		S: Fair	Tree is leaning to the north. Cavity present at 3m height to	10 to 20
					S	3				B: Fair	the east. Sparse canopy. Poor occlusion to large pruning	yrs
					W	3					wounds.	
T15 530												
Common Ash		13	1	440	N	3	М	A: 87.6	Poor	C: Poor		C.2
Fraxinus excelsior					Е	3		R: 5.28		S: Poor	Inonotus fungal bracket at 8m height.	<10 yrs
					S	4				B: Fair	Thornotas rangar stracket at our height.	,
					W	3						
T16 531												
Common Ash		15	1	660	N	6	М	A: 197.1	Fair	C: Good		B.1.2
Fraxinus excelsior					Е	6		R: 7.92		S: Good	Major dead wood present and stubs.	20 to 40
					S	6				B: Good		yrs
					W	7						
Age Classifications:	N New	/ly plante	ed	EM Early	Mature		Condit	ion: C	Crown		Stems: Ø Diameter	
J	Y You		_	M Matu				S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 de	finition
	SM Sem	J	^	OM Over	N 4 = 4			В	Basal area		ERC: Estimated Remaining Contributio	

Tree and	Tree and Tag No		11-1-1	9	Stems	C	rown		RP	Divis	Ct	Preliminary Recommendations	C-+
Species			Hght (m)	No	Ø (mm)	Spread (m)	d Clear (m)	Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T17	532							'					
Crab Apple	е		6	1	330	N	4	М	A: 49.3	Fair	C: Fair		C.2
Malus sylv	vestris					Е	5		R: 3.96		S: Poor	Corrected branch growth to the south. Deep cavity present at	10 to 20
						S	4				B: Fair	base to the north, at 0.5m height. Included bark present,	yrs
						W	3					rubbing branches, and advantageous growths.	,
T18													
Common H	Hawthorn		4	5	140 (Eq) N	2	М	A: 8.9	Fair	C: Poor		C.2
Crataegus	monogyna					Е	2		R: 1.68		S: Poor		<10 yrs
						S	2				B: Poor		/
						W	3						
T19	517												
Common (Oak		11	1	710	N	6	М	A: 228.1	Fair	C: Fair		C.1.2
Quercus re	obur					Е	3		R: 8.52		S: Fair	Large branch failure to the south at 4m height and to the	10 to 20
						S	5				B: Fair	north at 6m height. Stubs present.	yrs
						W	6					north at 5m height. Stabs present	,
T20													
Common H	Hawthorn		4	3	200 (Eq) N	3	М	A: 18.1	Fair	C: Poor		C.2
Crataegus	monogyna					Е	1		R: 2.4		S: Poor		<10 yrs
						S	2				B: Poor		110 yis
						W	2						
T21	516												
Common A	Ash		11	1	1550	N	5	М	A: 707	Poor	C: Poor	See Comment :: See Comment	U
Fraxinus e	excelsior					Е	4		R: 15		S: Poor		n/a
						S	3				B: Poor	Tree has a hollow stem. Heartwood has decayed from the	11/4
						W	6					base, and sapwood is holding the stem together. Signs of	
												Inonotus fungus to branch at 6m height. Tree has lost its main leader in the past at 6m height. This tree is likely to fail	
												in the future due to its significant structural defects.	
												in the ratare due to its significant structural defects	
A = - C!		N.I.	Name		EM ===	Makee		0	i ^	0		Character (A. Diameter	
Age Cla	ssifications:	N Y	Newly plant Young	ea	EM Early M Matur	Mature		Condit	ion: C S			Stems: Ø Diameter (Eq) Equivalent stem diameter using BS5837:2012 def	inition
			Semi-matur	-0	OM Over				S B			, .	ITIIIIOIT
		SIVI	Semi-matur	e	Olvi Over	iviature			В	Basal area	1	ERC: Estimated Remaining Contributio	

Tree and Tag No		Umba	S	Stems	Cro	own		RP	Dhya	Structural	Preliminary Recommendations	Cat
Species		Hght (m)	No	Ø (mm)	Spread (m)	Clear (m)	Age	A (m²) R (m)	Phys Condition	Condition	Survey Comment	ERC
T22 525												
Common Ash		16	1	570	N	5	М	A: 147	Fair	C: Poor		C.2
Fraxinus excelsior					Е	7		R: 6.84		S: Fair	Inonotus bracket present of the floor to the east of the tree.	10 to 20
					S	3				B: Fair	Die back present to upper crown. Hazard beam to eastern	yrs
					W	4					limb at 4m height. Stem failure to the south at 5m height. Minor dead wood present.	-
T23 523												
Common Ash		16	1	710	N	3	М	A: 228.1	Poor	C: Poor		C.2
Fraxinus excelsior					Е	5		R: 8.52		S: Poor	Inonotus fungal bracket present on the ground, appears to	<10 yrs
					S	4				B: Fair	have fallen from the tree stem at 1.8m height to the north.	, ,
					W	4					Tree has a sparse canopy.	
T24 522												
Common Ash		10	1	520	N	2	М	A: 122.3	Poor	C: Poor		C.2
Fraxinus excelsior					Е	3		R: 6.23		S: Poor	Inonotus fungal bracket to base to the east, and evidence of	<10 yrs
					S	7				B: Poor	previous brackets to the main stem to the south. Branch	120 /10
					W	3					failure at 1.5m height to the east, hazard beam present.	
T25 521												
Common Ash		13	1	550	N	3	М	A: 136.9	Fair	C: Fair		C.2
Fraxinus excelsior					Е	4		R: 6.6		S: Fair	Branch failure to the south at 5m height. Major dead wood	10 to 20
					S	8				B: Fair	present and advantageous growths.	yrs
					W	4					y	
T26 524												
Common Ash		16	1	570	N	4	М	A: 147	Poor	C: Fair		C.2
Fraxinus excelsior					E	4		R: 6.84		S: Fair	Inonotus fungal bracket present at 3m height to the north	<10 yrs
					S	7				B: Good	west.	, , , ,
					W	4						
T27 520												
Sycamore		12	1	610		6	М	A: 168.4	Fair	C: Fair		C.2
Acer pseudoplatanus						4		R: 7.32		S: Fair	Tree is located to the south of the fence. There is a 300mm	10 to 20
						5				B: Poor	high decay pocket at base.	yrs
					W	3						
Age Classifications:	N	Newly plant	ed	EM Early	/ Mature		Condit	ion: C	Crown		Stems: Ø Diameter	
	Υ	Young		M Matu	ire			S	Stem		(Eq) Equivalent stem diameter using BS5837:2012 de	finition
	SM	Semi-matur	e	OM Over	Mature			В	Basal are	а	ERC: Estimated Remaining Contributio	

Tree and Tag No		Uab±	S	tems		Crow	'n		RP	Phys	Structural	Preliminary Recommendations	Cat
Species		Hght (m)	No	Ø (mm	Spro) (n		Clear (m)	Age	A (m²) R (m)	Condition	Condition	Survey Comment	ERC
T28 519													
Common Ash		16	1	510	N	6		М	A: 117.7	Poor	C: Fair		C.2
Fraxinus excelsior					Е	3			R: 6.12		S: Poor	Inonotus fungal bracket present at 6m height to the west.	<10 yrs
					S	7					B: Poor	Evidence of a previous fungal bracket at 2m height to the east	110 710
					W	3						due to presence of bark damage. Co-dominant stem to the east has failed and a cavity remains at the base.	
T29 518													
Common Oak		11	1	880	N	8		М	A: 350.4	Good	C: Good		A.1.2.3
Quercus robur					Е	7			R: 10.56		S: Good	Bark damage at 2m height to the south. Major dead wood	20 to 40
					S	6					B: Good	present and stubs.	yrs
					W	6						F	
T30													
Common Hawthorn		4	1	230	N	3		М	A: 23.9	Poor	C: Poor	Fell :: Fell to ground level	С
Crataegus monogyna					Е	3			R: 2.75		S: Poor	Tell II Tell to ground level	<10 yrs
					S	1					B: Poor	Tree is one-sided due to close proximity to the adjacent tree.	<10 yi3
					W	1						Recommendation to fell.	
T31													
Common Hawthorn		6	5	200	(Eq) N	3		М	A: 18.1	Fair	C: Fair		C.2
Crataegus monogyna					Е	3			R: 2.4		S: Fair		10 to 20
					S	3					B: Fair		yrs
					W	4							
T32												Estimated Mea	asurements
Common Oak		8	1	360	N	4		М	A: 58.6	Fair	C: Fair		C.2
Quercus robur					Е	0			R: 4.31		S: Fair	Tree is leaning to the north west and has a poor branch at 3m	10 to 20
					S	1					B: Fair	height to the south. Canopy is unbalanced. Presence of stubs.	yrs
					W	5						,,	
T33													
Common Ash		8	2	291	(Eq) N	3		SM	A: 38.2	Fair	C: Fair		C.2
Fraxinus excelsior					Е	3			R: 3.48		S: Poor	Tree is located on to eastern edge of the tree group. Presence	10 to 20
					S	3					B: Poor	of included bark at base at the compression fork between co-	yrs
					W	3						dominant stems. This will eventually will fail.	
Age Classifications:		Newly plant	ed		ırly Matur	е		Condit				Stems: Ø Diameter	
		Young			ature				S			(Eq) Equivalent stem diameter using BS5837:2012 defi	inition
	SM	Semi-matur	е	OM Ov	er Matur	Э			В	Basal are	а	ERC: Estimated Remaining Contributio	

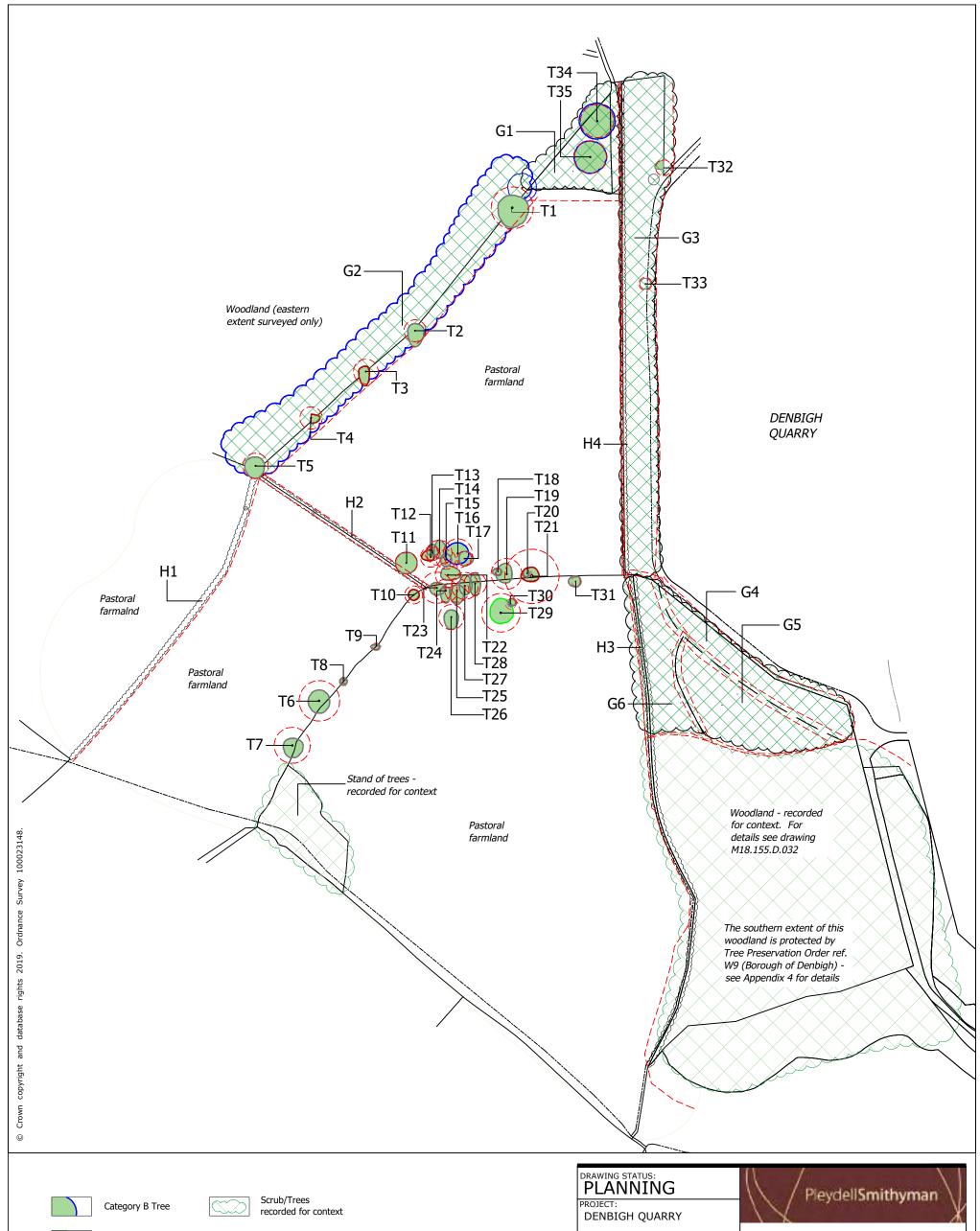
Tree and Tag No	Habt	St	tems	(Crown		RP	Dhua	Churchungl	Preliminary Recommendations	C-1
Species	Hght (m)	No	Ø (mm)	Sprea (m)		Age	A (m²) R (m)	Phys Condition	Structural Condition	Survey Comment	Cat ERC
T34											
Common Oak	15	1	760	N	10	М	A: 261.3	Good	C: Fair		B.1.2.3
Quercus robur				Е	10		R: 9.11		S: Good	Individual Oak located to the west of the boundary fence, to	20 to 40
				S	10				B: Fair	the south of the stone wall.	yrs
				W	10						
T35											
Common Oak	16	1	750	N	9	М	A: 254.5	Good	C: Good		B.1.2.3
Quercus robur				Е	9		R: 9		S: Good		20 to 40
				S	9				B: Good		yrs
				W	9						,

Ì	Age Classifications:	N	Newly planted	EM	Early Mature	Condition:	С	Crown	Stems:	Ø	Diameter
		Υ	Young	М	Mature		S	Stem		(Eq)	Equivalent stem diameter using BS5837:2012 definition
		SM	Semi-mature	OM	Over Mature		В	Basal area	ERC:	Esti	mated Remaining Contributio

APPENDIX 2

DRAWINGS:

• TREE SURVEY PLANS





Category C Tree



Tree Group



Hedgerow



Root Protection Area (RPA)

Note:

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



CLIENT: BREEDON GROUP

TITLE:

DRAWING N°:

M18.155.D.028

Tree Survey Context Plan	
DATE:	SCALE:
Dec 2019	1:2000@A3
DRAWN:	CHECKED:
AP	JP

REVISION:

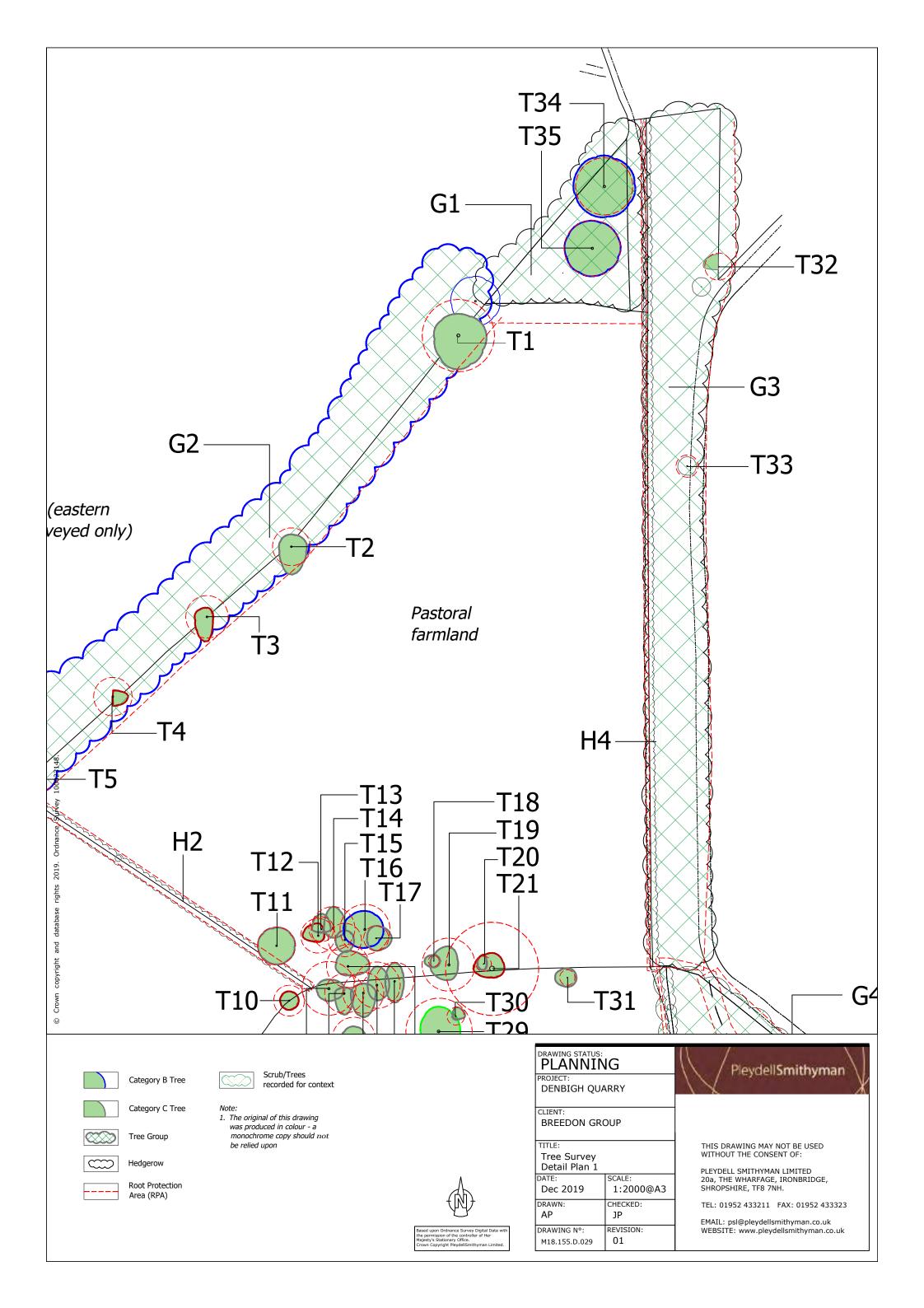
02

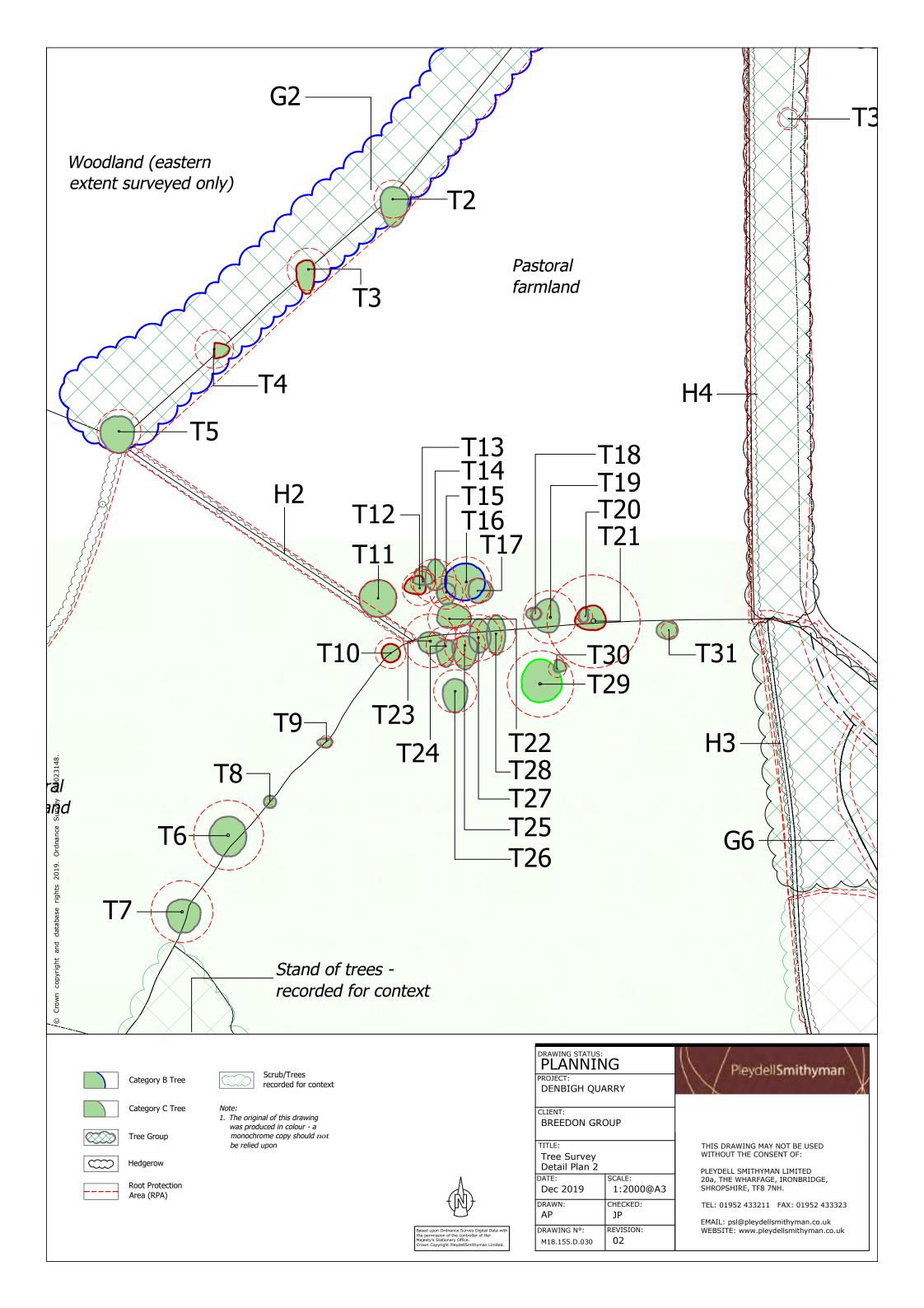
THIS DRAWING MAY NOT BE USED WITHOUT THE CONSENT OF:

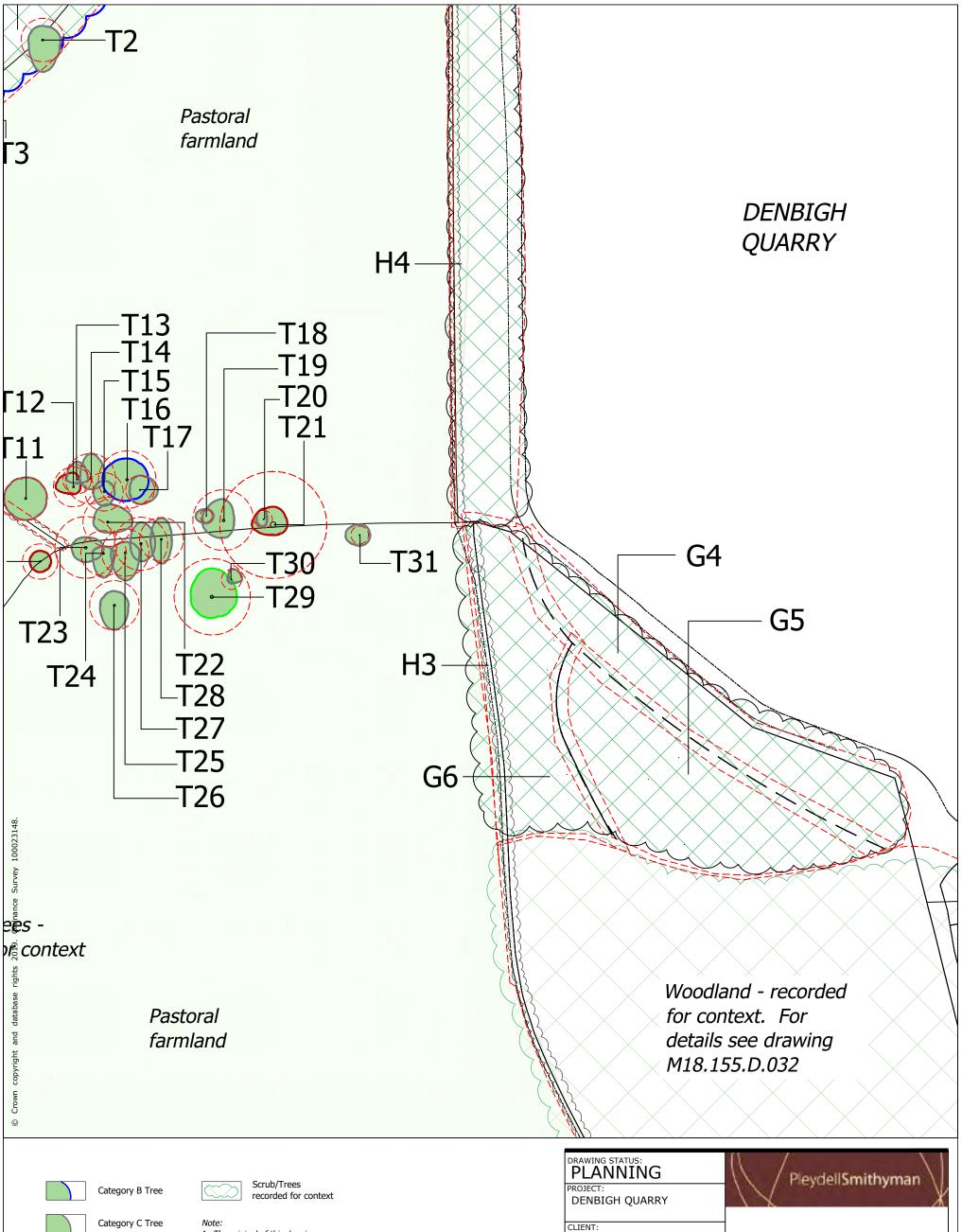
PLEYDELL SMITHYMAN LIMITED 20a, THE WHARFAGE, IRONBRIDGE, SHROPSHIRE, TF8 7NH.

TEL: 01952 433211 FAX: 01952 433323

 ${\it EMAIL: psl@pleydellsmithyman.co.uk}$ WEBSITE: www.pleydellsmithyman.co.uk









Tree Group



Hedgerow



Root Protection Area (RPA)

1. The original of this drawing was produced in colour - a ${\it monochrome\ copy\ should\ not}$ be relied upon



BREEDON GROUP

Tree Survey Detail Plan 3 DATE:

TITLE:

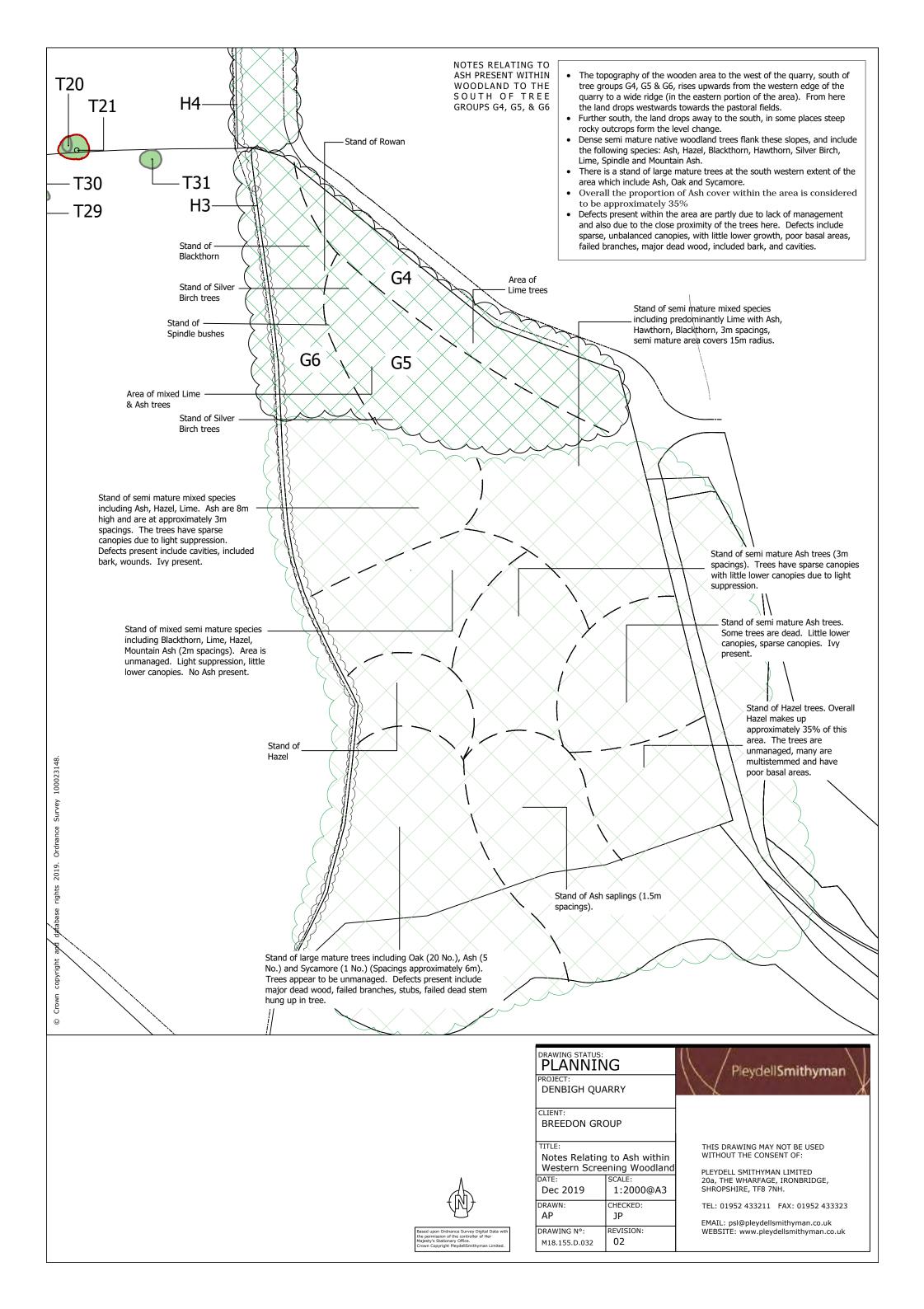
SCALE: Dec 2019 1:2000@A3 DRAWN: CHECKED: ΑP JΡ DRAWING N°: REVISION: 02 M18.155.D.031

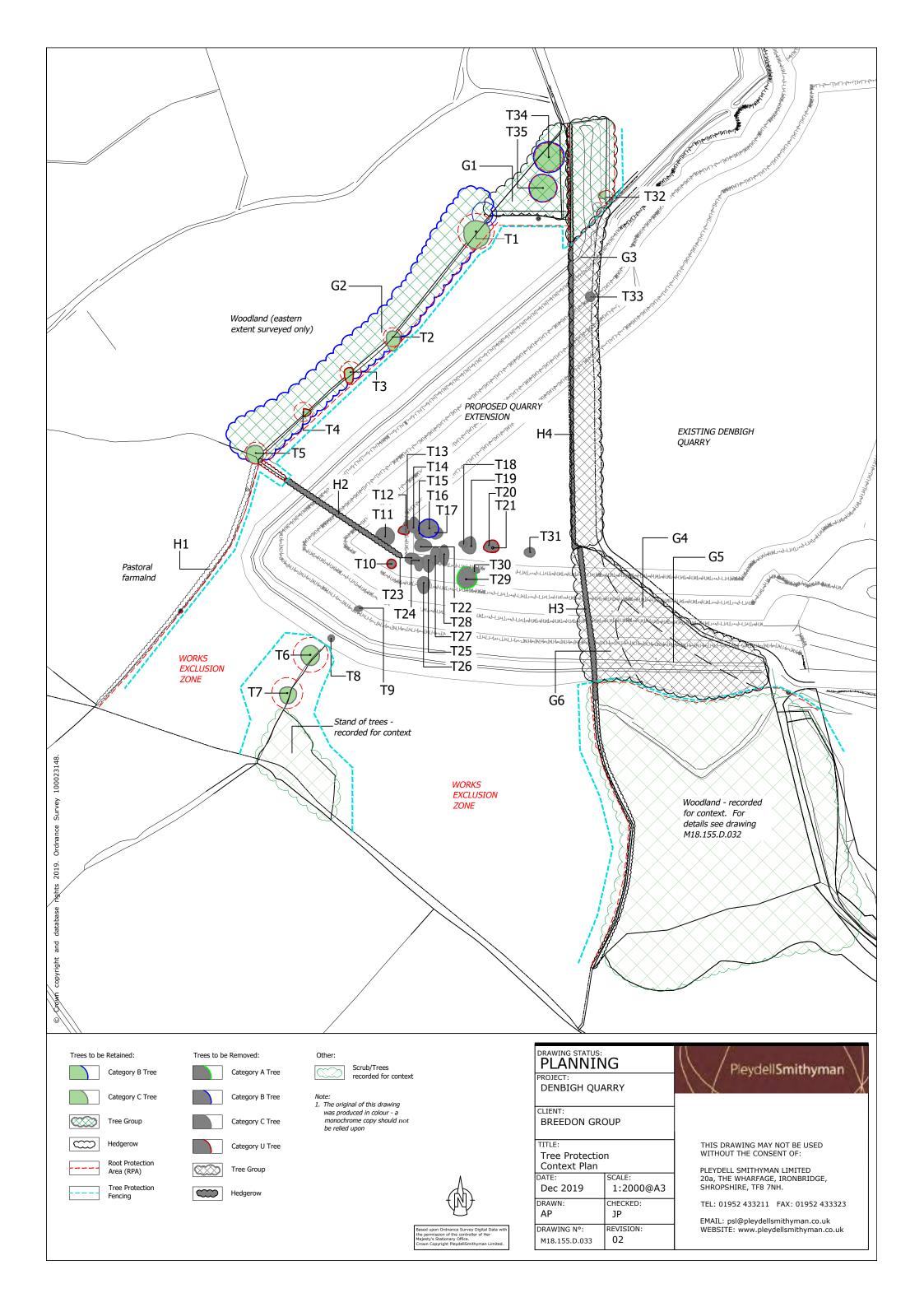
THIS DRAWING MAY NOT BE USED WITHOUT THE CONSENT OF:

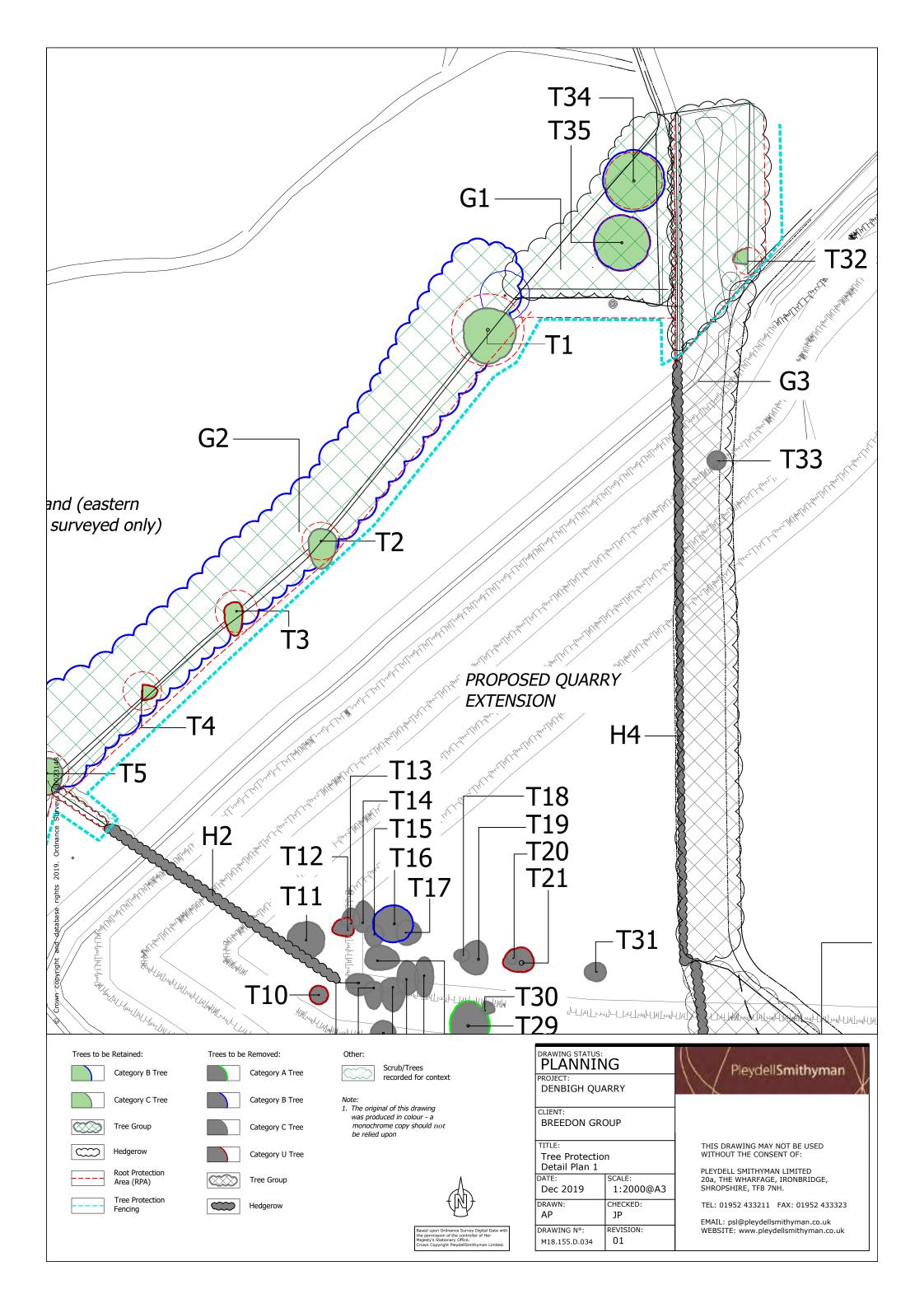
PLEYDELL SMITHYMAN LIMITED 20a, THE WHARFAGE, IRONBRIDGE, SHROPSHIRE, TF8 7NH.

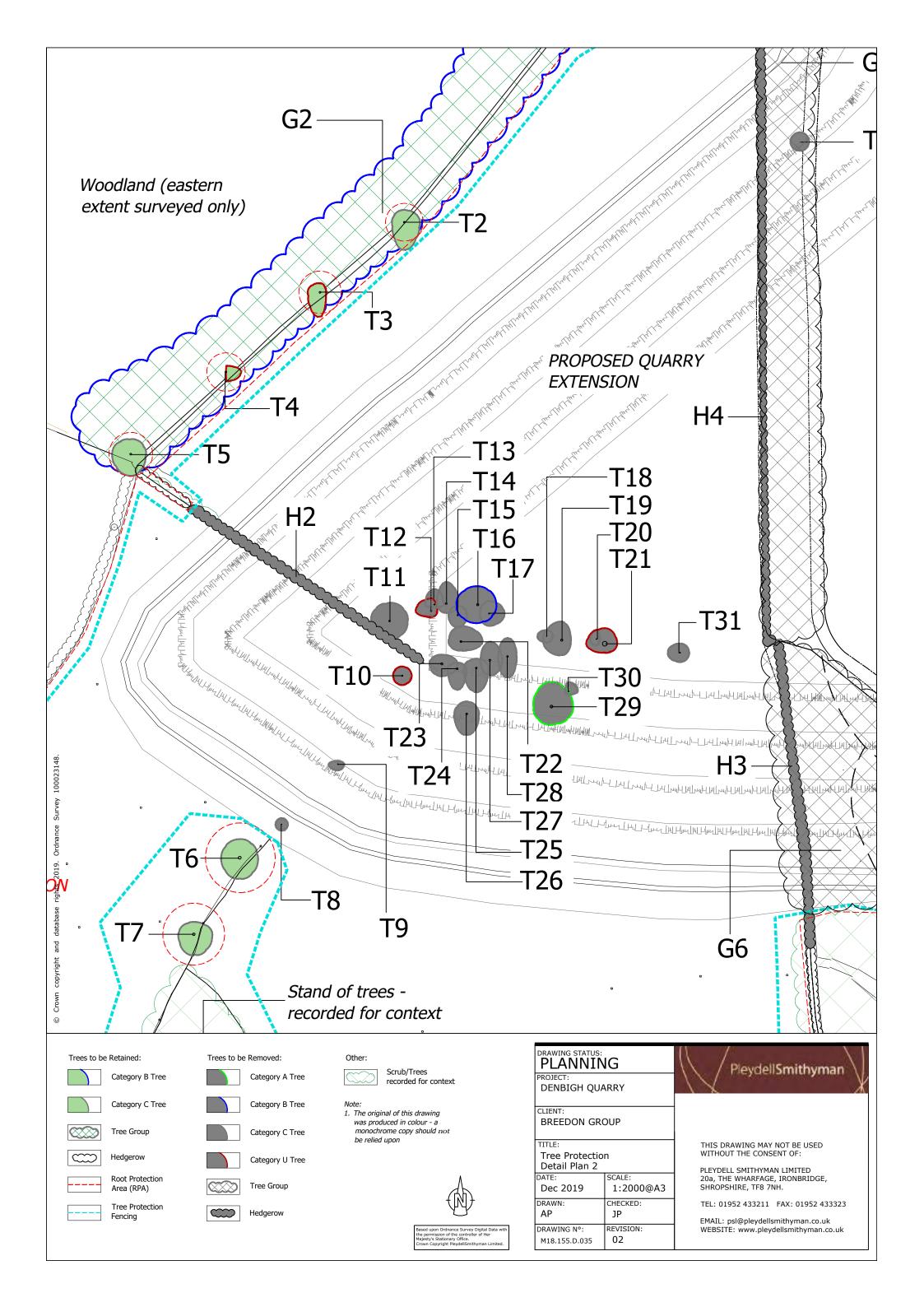
TEL: 01952 433211 FAX: 01952 433323

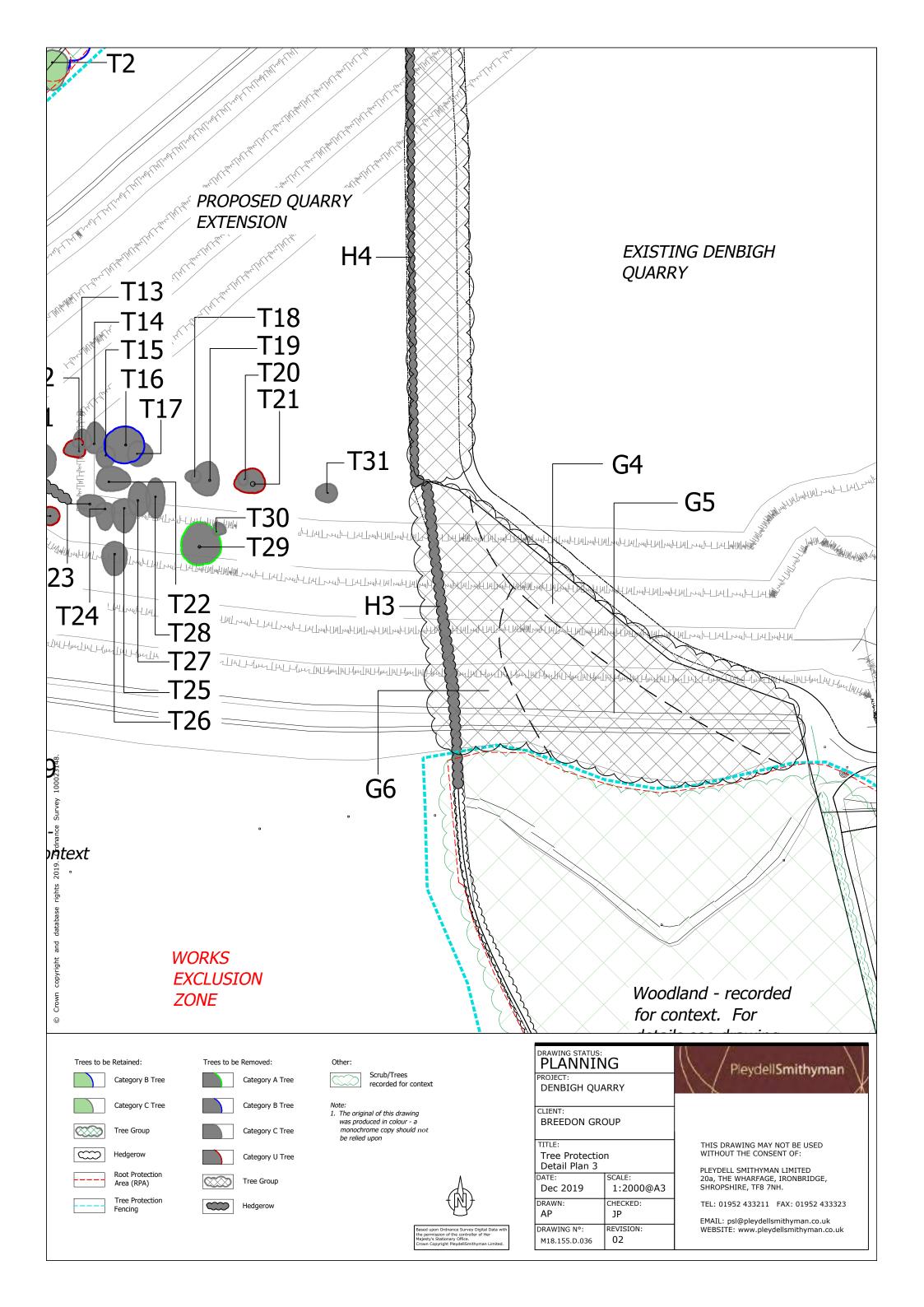
 ${\it EMAIL: psl@pleydellsmithyman.co.uk}$ WEBSITE: www.pleydellsmithyman.co.uk





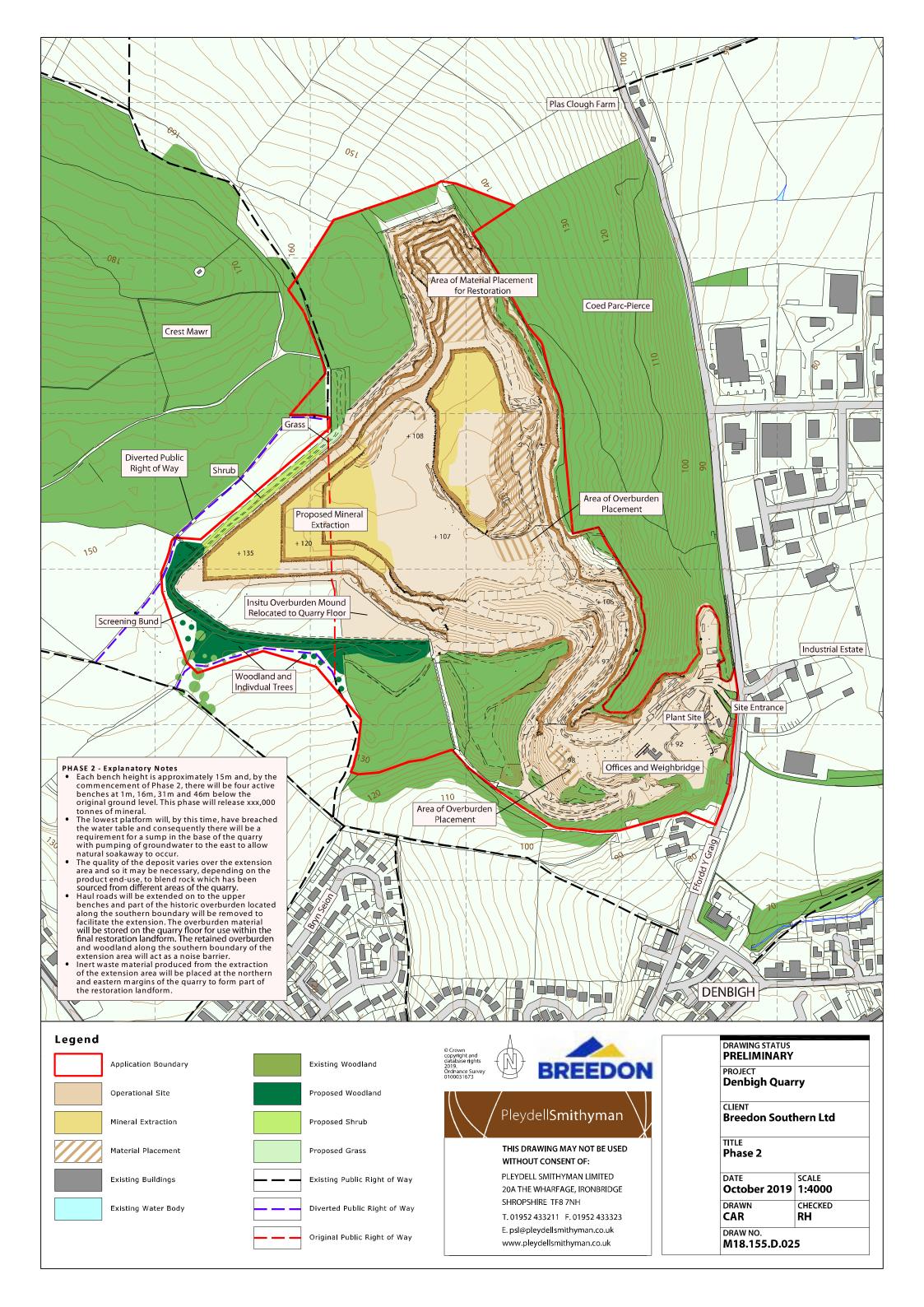






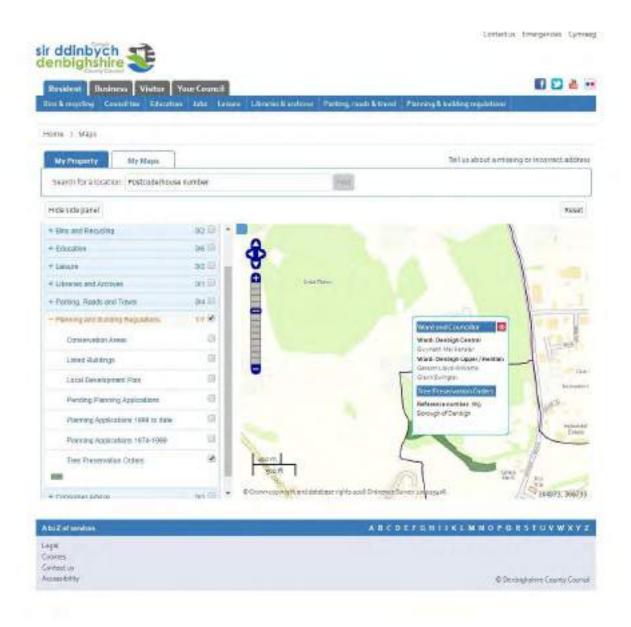
APPENDIX 3

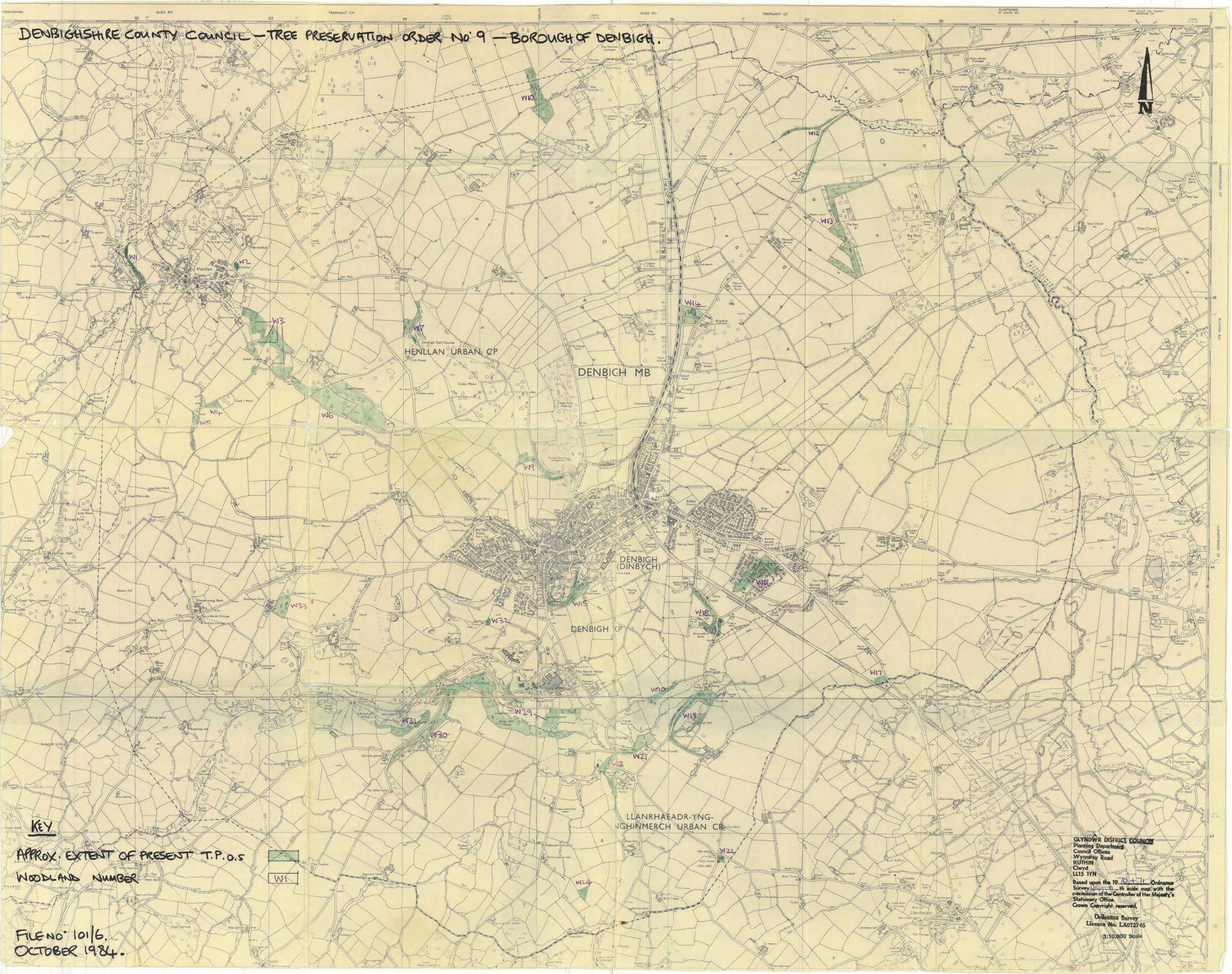
DEVELOPMENT PROPOSALS



TREE PRESERVATION ORDER MAP

Extract from Denbighshire County Councils website: https://maps.denbighshire.gov.uk/MyDenbighshire.aspx





APPENDIX 5

BRITISH STANDARD 5837:2012 TREES IN RELATION TO CONSTRUCTION – CASCADE CHART FOR TREE QUALITY ASSESSMENT

TREES FOR REMOVAL					
Category and Definition		Criteria			
Category U Those in such a condition that they cannot reretained as living trees in the context of the use for longer than 10 years	ealistically be current land t	Trees that have a serious, irremediable, structuch that their early loss is expected due to concluding those that will become unviable after ther U Category trees (i.e. where, for whatevene loss of companion shelter cannot be mitigoruning) - Trees that are dead or are showing significant, immediate, and irreversible overal Trees infected with pathogens of significance health and/or safety of other trees nearby) e.g. disease), or very low quality trees suppressing trees of better quality.	ollapse, r removal of ver reason, ated by as of I decline. e to the g. Dutch elm		
TREES TO BE CONSIDERED FOR RETENTION					
Catergory & Definition 1. Ma Category A Trees of high quality: with an estimated remaining life expectancy of at least 40 years Category B Those of moderate quality: with an estimated remaining life expectancy of at least 20 years	Trees that are particularly good examples of their species especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue) Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects, including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for	2. Mainly Landscape values 3. Culf Trees, groups or woodlands of particular visual importance as arboricultural and or landscape features Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider area	Trees, groups or woodlands of significant conservation, historical commemorative or other value (e.g. veteran trees or wood-pastures) Trees with clearly identifiable conservation or other cultural benefits		
Category C Those of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	beyond 40 years; or trees lacking the special quality necessary to merit the category A designation Unremarkable trees of very limited merit or such impaired condition that they do not qualify in the higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater landscape value, and/or trees offering low or only temporary screening benefit.	Trees with no material conservation or other cultural value		