From: Planning
Sent: 23 August 2021 08:38
To: Kelsey Blain
Subject: ADDITIONAL INFO TO ACTION - NYM/2021/0613/FL

From: mark hollingworth
Sent: 20 August 2021 22:57
To: Planning
Subject: Re: NYM/2021/0613/FL

Hi again Kelsey

due to a bit of luck, I did manage to get the tree survey done today!

hope this is what you are looking for but please let me know if you need anything further.

thanks, Mark

On Thu, Aug 19, 2021 at 11:55 PM mark hollingworth wrote:

> Many thanks Kelsey
>
> apologies for the delay in replying
>
> 1. The footpath was planned to be 1.2m wide.
>
> 2. Regarding the tree survey, I've read through the document on the link you attached. i am assuming that the tree survey needs to take account of the trees in the immediate vicinity of the path and not a full survey of every tree and shrub across the whole site? we have already been in touch with your ecologist via Naomi Green in the early days of discussion of this project and their comments relate only to the immediate

vicinity of the path. I will try get this done as quickly as possible, but it's unlikely we'll manage to do it within 7 days of the letter!

Please let me know if you need any further details.

thanks, Mark Hollingworth

On Mon, Aug 16, 2021 at 11:54 AM > wrote:

Reference: NYM/2021/0613/FL.

The North York Moors National Park Authority Planning Service welcomes public engagement in all aspects of its work. You have received this email in relation to a current planning matter. The attached correspondence contains important information which you are advised to retain for your records. If you have any queries, please do not hesitate to contact us. When replying it's best to quote our reference number, which is included in the attached letter.

The Authority is following Government advice concerning Covid-19 as such our working arrangements may change. We will ensure our letters and website are updated as and when required in order to provide our customers with the most up to date information.

Kind regards

Chris France

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North York Moors
National Park

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NYMNPA
23/08/2021

Location:
Land off Woodwarks Bank
Carr Lane
Glaisdale

Report Type:
Arboricultural Survey
Arboricultural Impact Assessment
Arboricultural Method Statement

Ref:
ARB/AE/2667

Date:
August 2021

Contents

Appendices

1 Introduction

1.1 This report has been prepared by Andrew Elliott of Elliott Consultancy Ltd on behalf of the applicant.

1.2 Elliott Consultancy Ltd was commissioned to visit the site to inspect the trees and to produce an arboricultural report in accordance with British Standard 5837:2012 '*Trees in Relation to Design, Demolition & Construction*'. An initial inspection of the trees was undertaken on the 20th August 2021.

1.3 **Scope of the report:**

- This report provides arboricultural information and advice in relation to the proposed installation of a footpath within an area of scrub and sporadic tree cover – as shown within Appendix 6.
- It should be used to guide the construction process in order to minimise potential damage to retained trees.
- Section 4 provides a summary of the design proposals and their impact on the current tree population.
- Sections 5-7 provide a method statement that details all measures recommended for adequate tree protection including any special construction measures to be utilised.
- Within the Arboricultural Tasks Sequence Table (Appendix 2), is a timescale for implementation of any tree works and protective measures in reference to the development period.

1.4 Trees can be protected by Tree Preservation Order or by merit of location within a Conservation Area; advice should be sought from the relevant planning department if such restrictions have been placed on the site.

1.5 **Prior to site works commencing, the Arboricultural Method Statement needs to be passed to the site manager or contractor and used as reference during the development period, with particular attention paid to Sections 5-7, and Appendices 2-7.**

2 Site Information

2.1 The land at Woodwarks bank is access directly from Carr Lane in Glaisdale and is an area of common land on a steep bank. Figure 1 shows the project area:

Figure 1: Site highlighted

2.2 Significant tree cover on site is limited to a handful of mature planted trees on the bankside but with large sections of young, dense, and self-seeded scrub. The bank is also overgrown with Bracken and Bramble causing access and visibility limited over much of the plot.

2.3 Tree survey data is included in Appendix 1. Any visibility constraints encountered are noted within the survey data.

3 Tree Quality Assessment

3.1 BS5837:2012 notes that all trees apart from those with stem diameters <150mm or classified as Category U should be viewed as a site constraint. When inspected, each tree and or group feature is assigned one of four categories that signify how suitable that tree/group would be for retention within any development proposals, and therefore the degree to which it should constrain the site. The four categories are as follows:

3.2.1 **Category A** trees are those of high quality and value, and of a condition whereby they could make a substantial contribution to the site. Such trees should be retained and offered adequate consideration during the design phase and physical protection during the construction phase in accordance with BS 5837:2012. This means keeping proposed features and alterations to ground levels outside of root protection areas and crown spreads to ensure that trees remain in adequate condition post-development.

3.2.2 **Category B** trees are those of moderate quality and value, and of a condition that still make a substantial contribution to the site. Category B trees should be retained wherever possible and offered adequate consideration during the design phase and physical protection during the construction phase in accordance with BS 5837:2012.

3.2.3 **Category C** trees are considered to be of low quality and value, or lacking stature, but of an adequate condition to remain in the short-term. These trees can also be retained if required but where they form a significant constraint to development their removal should be considered. Where they are to be retained they should be afforded adequate consideration during the design phase and physical protection during the construction phase in accordance with BS 5837:2012.

3.2.4 **Category U** trees are of such a condition that any existing value would be lost within 10 years. As a result it is recommended that Category U trees are not considered a constraint for development and are removed prior to construction commencing.

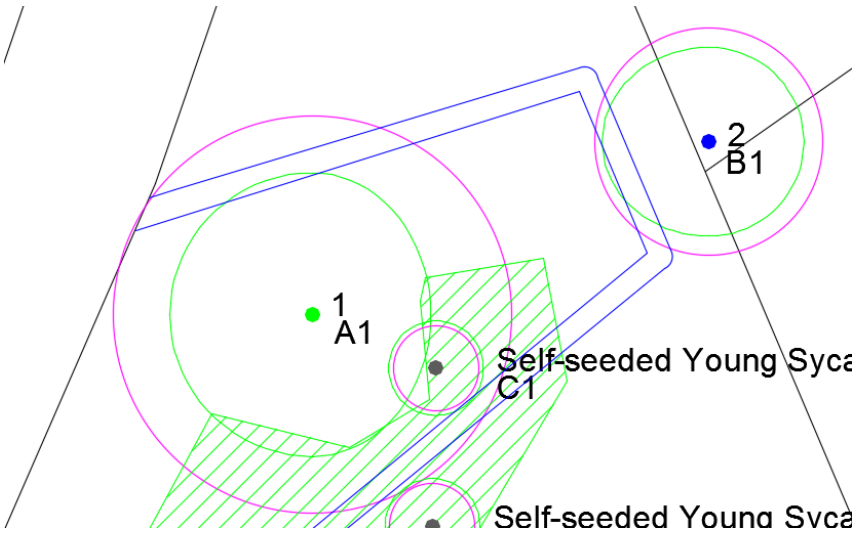
3.3 In addition to the four main categories explained above, each tree/group is assigned a sub-category which signifies its overriding value as determined by the surveyor, which is noted by adding a suffix of 1, 2 or 3 alongside the category letter. 1 signifies that the trees/groups main value is arboricultural e.g. it may be a particularly good example or may be rare. A 2 signifies that the overriding factor was due to the landscape value that the tree/group provides e.g. it may be part of a group feature such as a screen. A 3 indicates that a cultural factor was the overriding value e.g. it may have historical or commemorative importance.

4 Design Proposals and Arboricultural Impact

4.1 This section concentrates on the proposals and how they relate to the current trees on site. The proposals include the creation of a new lightweight footpath that will serve the village tennis court, allowing access to the court without having to walk on the road (with a national speed limit and tight bend) – the proposals are shown within Appendix 6.

4.2 **Potential Conflict 1: Loss of trees to allow the new footpath to be built.**
Some scrub within Tree Group 1 may require removal to allow access and a further two small trees close to the tennis courts will require removal for construction. Bracken and Bramble will also require removal on the bankside for construction and clearance to the new pathway.
Mitigation / Countermeasure: The trees that will potentially be removed are all small, scrubby, and insignificant within the wider landscape, and were all classified as Category C trees of low quality that would not ordinarily constrain a design. The route of the footpath can avoid any unnecessary tree removal with small deviations possible to avoid better stems where possible and to create the most optimum route across the bank, whilst all of the mature and significant tree cover is avoided without impact. The footpath itself is a lightweight construction with little excavation required (<100mm), being made from a compacted aggregate subbase and with a permeable and loose final wearing layer. The arboricultural impact of the proposals are considered to be minimal.

4.3 **Potential Conflict 2: Damage to Trees 1 & 2 during the construction process.**
The footpath position encroaches within the root protection areas (RPA's) of Trees 1 & 2 and could cause damage to underlying root growth.



Mitigation / Countermeasure: The encroachments into each RPA are considered to be minor and given the lightweight nature of the proposals it is not expected that any significant detrimental impact will occur. Minor 'tipping back' pruning of overhanging foliage may be required but it is also expected that some minor deviation to the path route may be possible to minimise this. Any pruning back of foliage will be undertaken in accordance with BS3998 and by the project Arboriculturalist.

4.4 **Potential Conflict 3: Damage to trees during the construction process.**
Damage can be caused to retained trees during construction phases due to the proximity of the construction or storage of plant and materials etc.
Mitigation / Countermeasure: During the installation process small sections of *Heras* type fencing can be used to protect the nearest significant trees (Tree 1 & 2) from impact, compaction, or other damage. Construction exclusion zones shown on plan will be adhered to, and all construction plant and materials can be stored and accessed from off-site and away from the retained tree cover. The project Arborist will be available at all times to ensure protection measures are adhered to and to assist in all matters tree-related.

5 Pre-construction and Site Preparation Works

5.1 Refer to Appendix 2 for stage specific tasks.

5.2 Further to any site works commencing, the following arboricultural specific actions need to be implemented:

a) An arboricultural contractor should be sought and the tree works required within Appendix 2 undertaken. All works must be undertaken in accordance with BS3998. Where stumps are required for removal this should be undertaken by stump grinding to below surface level leaving the lower root system in-situ. Where complete removal is necessary, roots will require severance or separation from retained neighbouring tree and hedgerow roots prior to extraction – this can be achieved by severing all of the subject stump root tissue in the top 0.5m of soil (this must only be done outside of the root protection areas of adjacent retained trees), following this stumps can be extracted carefully - monitoring for any deeper root connections starting to cause soil disturbance near retained trees - these roots can then also be severed if encountered.

5.3 Once the aforementioned tasks have been completed and prior to any further site work the tree protection barriers need to be erected in order to protect the trees around the working area; this must remain in situ until the upper section of path is complete.

5.3.1 The fencing needs to be erected around the edge of each working area. The fence should conform to the specification shown within Appendix 3. All weather notices should be attached to the fencing marked with the following: '*Construction Exclusion Zone - Keep Out'* (a notice is provided within Appendix 4).

5.4 Construction plant and material storage must be confined to locations away from trees.

6 Tree protection measures during construction

6.1 Refer to Appendix 2 for stage specific tasks.

6.2 All ground levels where trees are located should be maintained. Changes to soil levels adjacent to trees can severely affect the trees structural integrity and its ability to gain moisture and nutrients from the surrounding soil. Unavoidable level changes that may affect retained trees, and not already accounted for within this method statement, should be assessed by a qualified arboriculturalist so that any mitigation or special construction techniques can be considered.

6.3 Building material storage and operations that can contaminate soil, such as cement mixing, must be confined to areas outside the construction exclusion zone.

6.4 Fires should not be lit.

6.5 The trees should not be used to attach notices, cables or other services.

6.6 The installation of any underground services near or adjacent to trees on the site shall conform to the requirements of National Joint Utilities Group publication Volume 4 (November 2007).

7 Tree protection measures post-construction

7.1 Refer to Appendix 2 for stage specific tasks.

Appendix 1: Tree Data

Key to tree survey headings:

- **Tag –** Tree number corresponding to plans & tags
- **Species –**Common name of each tree
- **DBH –** 'Diameter at breast height' in mm taken on stem at 1.5m.
- **Hgt –** Height in metres of each tree
- **Crown spread: North, South, East, West –** Crown spread in metres to x4 cardinal points from centre of stem
- **CH –** Crown clearance from ground to lowest branches
- **EstD** – Estimated dimensions
- **Age –** Age-class of tree: Y = Young, SM = Semi-mature, M = Mature, OM = Over-mature.
- **General observations –** details both Physiological and structural Condition
- **Est Con –** Estimated life expectancy / contribution to the landscape (in years): 0-10, 10-20, 20-40, 40+
- **Recommendations –** Any recommendations that, regardless of land use, require attention.
- **BS. Cat –** Retention category. **A**, **B**, **C**, or **U**. For retained trees **A** being of the highest quality, **C** being the lowest. Category **U** trees for removal regardless of design. Category A, B, & C are given sub-catagories1, 2, & 3 – details of which are shown in appendices.

Tree Survey Data

No.	Species	Age	DBH	Stems	Height	Crown Spread				CH	EstD	General Observations	EstCont	BS Cat	Recommendation
						N	S	E	W						
1	Silver Birch	M	70	1	14	6	6	5	6	0.5	N	Ivy on stem limited visibility.	40+	A1	No work required
2	Spruce spp	SM	40	1	15	4	4	4	5	0.5	N	Off-site within adjacent gardens.	40+	B1	No work required
3	Red Horse Chestnut	M	60	1	10	4	4	4	4	0.5	N	Ivy at base ansd stem limited inspection. Characteristic canker.	40+	A1	No work required
4	Norway Maple	SM	49	1	10	5	5	5	5	0.5	N	Crown has several tight branch unions and poor form.	40+	B1	No work required
5	Lime spp	SM	50	2-5	12	4	4	4	4	0.5	N	Epicormic growth at base limited visibility. Multi-stemmed form.	40+	B1	No work required
6	Lime spp	SM	50	2-5	12	4	4	4	4	0.5	N	Epicormic growth at base limited visibility.	40+	B1	No work required
7	Hawthorn	EM	20	1	4	3	3	3	2	0.5	N	Small multi-stemmed tree.	40+	C1	No work required

Group Data

Group Number	Dominant Species	Lesser Species	DBH	Average Height	Age	Average Spread	Condition/Comments	Recommendations	EstCont	BS Cat
1	Ash Hawthorn Elder	Goat Willow Hazel Holly	10	5	Y	2	Areas of self-seeding scrub tree cover on bankside. Several sections are dense in small groups. Centre of group is dense Bracken and Bramble undergrowth with very little tree cover. Ash symptomatic of Ash Dieback with varying levels of decline.	No work required	20+	C2

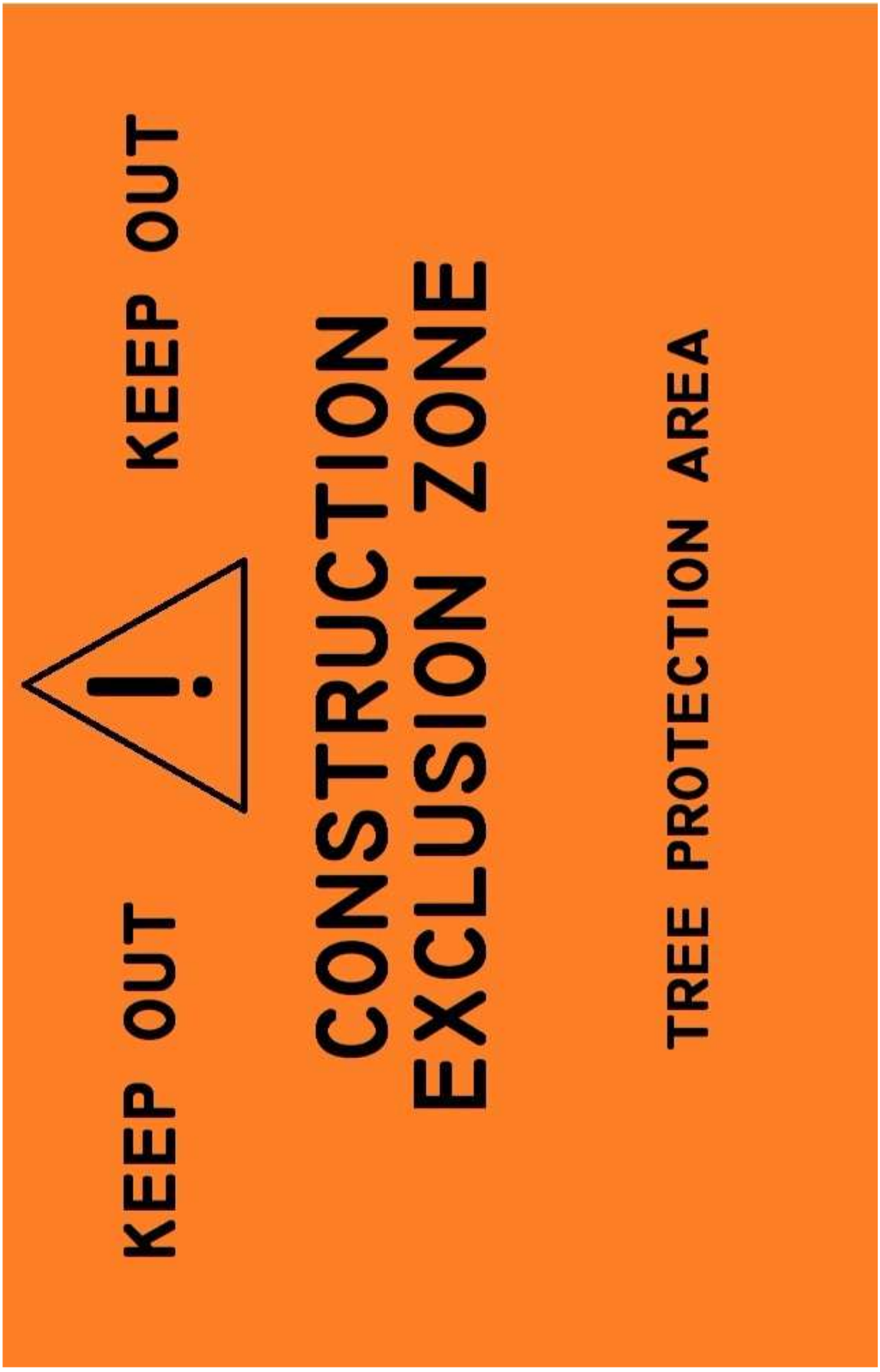
Appendix 2: Arboricultural Tasks Sequence Tables

Tree or Group Number	Pre-Construction Stage	Construction Stage	Post Construction Stage
Scrub trees, bracken, and other undergrowth on line of footpath. (shown in red on Appendix 6).	Remove.		
All retained trees.	Adhere to Section 5.	Adhere to specification within Section 6.	Adhere to specification within Section 7.

Appendix 3: Protective Fencing Specification

Tree Protection Fence

Appendix 4: Construction Exclusion Zone Notice



1:500

0 5 10 15 20 25 30 35 40 45 50 [m]

Private Drive

1

2

3

4

5

3
A1
Self-seeded Young Sycamore
C1

2
B1

1
A1
Self-seeded Young Sycamore
C1

Self-seeded Young Sycamore
C1

4
B1
Self-seeded Young Ash
C1

Self-seeded Young Ash
C1

Tree Group 1
C2

5
B1

6
B1

Access Track

Self-seeded Young Ash
C1

7
C1

Carr Lane

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Tree Position - BS5837 Category A

Tree Position - BS5837 Category B

Tree Position - BS5837 Category C

Root Protection Area

Tree Scrub Group

Photo Number, Position and Aspect

1/G1 Tree/Group

A1/B1/ C1/U BS5837 Retention Category

APPENDIX 5

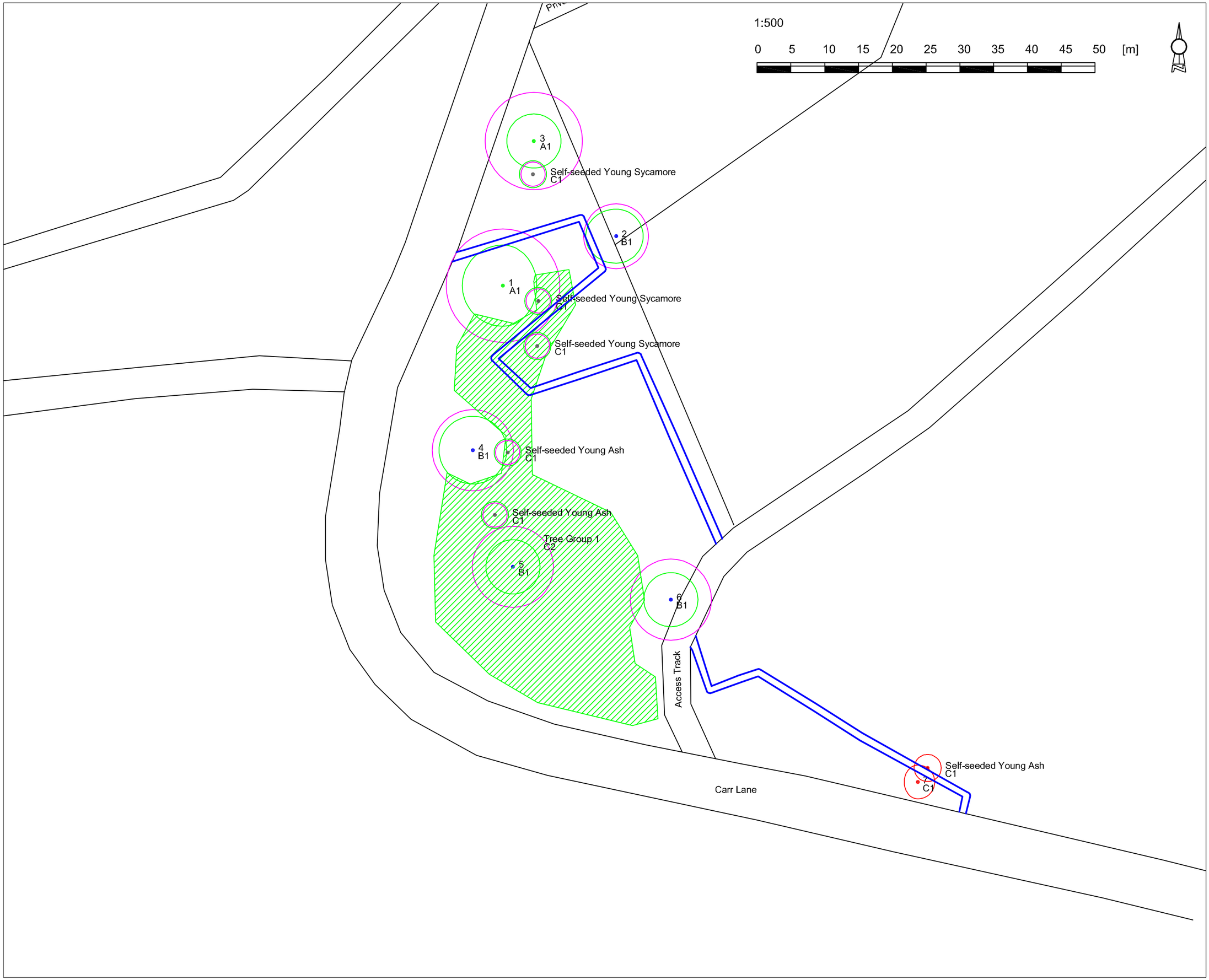
Drawing Title: Tree Constraints Plan

Project: Land off Woodwarks Bank, Glaisdale

Drawing Number: ARB/AE/2667/TCP

Date: August 2021

Scale: 1:500 @ A3



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Tree Position - BS5837 Category A

Tree Position - BS5837 Category B

Tree Position - BS5837 Category C

Root Protection Area

1/G1 Tree/Group

A1/B1/ C1/U BS5837 Retention Category

Tree Requiring Removal

Footpath Route

APPENDIX 6

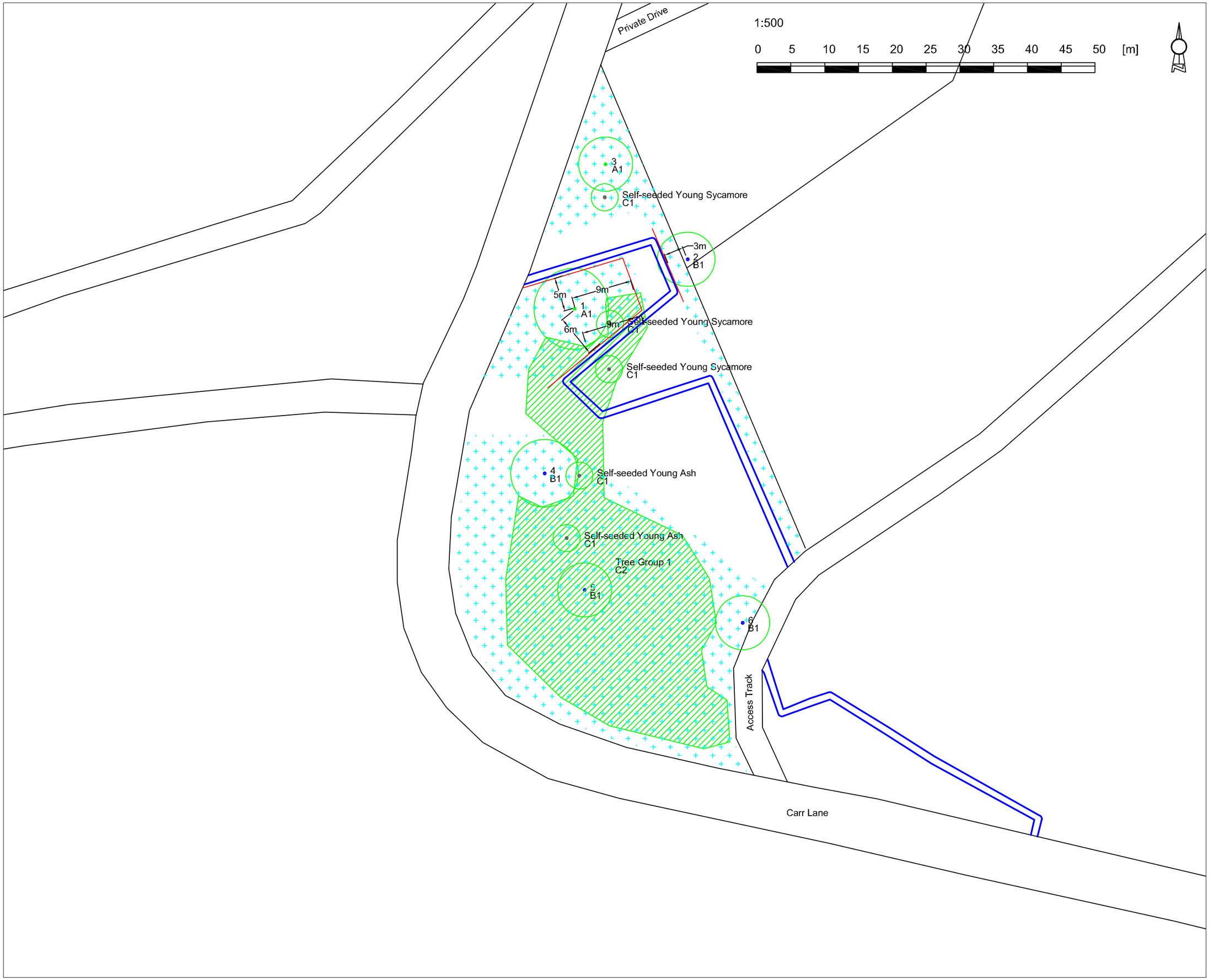
Drawing Title: Tree Impact Plan

Project: Land off Woodwarks Bank, Glaisdale

Drawing Number: ARB/AE/2667/TiP

Date: August 2021

Scale: 1:500 @ A3



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Tree Position - BS5837 Category A

Tree Position - BS5837 Category B

Tree Position - BS5837 Category C

1/G1 Tree/Group

A1/B1/ C1/U BS5837 Retention Category

Tree Scrub Group

Tree Protection Fence

Construction Exclusion Zone

APPENDIX 7

Drawing Title:	Tree Protection Plan
Project:	Land off Woodwarks Bank, Glaisdale
Drawing Number:	ARB/AE/2667/TpP
Date:	August 2021
Scale:	1:500 @ A3