

Land at Wornal Park, Worminghall

British Standard 5837:2012 Arboricultural Report

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3rd January 2024

advanced

Arboriculture

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Introduction and Heads of Terms

Project Reference	TH/B942/1223
Site Address	Land at Wornal Park, Worminghall
Instruction	JCE Planning & Architectural Consultancy, Chetwood House, Chilton, HP18 9LS
Lead Surveyor	Edward Butler, N.D. Arb, Lantra PTI
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Heads of Terms and Document Limitations

The purpose of this report is to provide a full arboricultural appraisal of the site and consider the effect of any construction proposals based on the data collected, following the principles of British Standard 5837:2012 *Trees in relation to design, demolition and construction – Recommendations*. As well as informing the overall design and layout of the site, the report shall provide a supporting statement for a planning application to the local planning authority. This report has been undertaken in accordance with the instructions of the client and is intended for their sole and specific use.

The report has been prepared based on information available to Advanced Arboriculture Ltd at the time of writing, however, further technical, topographical, arboricultural, architectural, ecological or engineering information may come to light at any point subsequent to the site survey, including after the relevant arboricultural conditions have been cleared. It is the responsibility of the client or their delegated team to draw any changes in the project scope to our attention at the earliest opportunity.

Trees are dynamic structures and advice should be taken on validity two years after the survey was undertaken. The report may not be considered valid after more than three years. The report has been prepared using all reasonable skill and care. Opinions are provided in good faith.

The scheduling and implementation of any tree protection measures detailed in the report also remains the responsibility of the client or their delegated team. Whilst the project team may appoint any suitably qualified third-party arboricultural supervisor, Advanced Arboriculture Ltd are able to take on this role subject to the project manager's formal instruction.

Advanced Arboriculture Ltd shall not be held liable for any unauthorised deviation from the tree management recommendations, the tree protection measures and the project scheduling detailed within this report.

Tree Stock Appraisal

Wornal Park is located to the north-west of Wормinghall on the former RAF Oakley airfield. The site comprises a range of light industrial and office units, some of which were associated with the original airfield infrastructure. The access into the site is off Menmarsh Road.

Whilst the site itself features a limited number of trees, both the southern and western boundaries host a dense belt of relatively young to early-mature trees comprising larger woodland species with a mixed broadleaved understorey; these form a strip of contiguous canopy approximately 400m in length. In addition to this wooded boundary strip, there is an area of mixed broadleaved woodland located to the north-west of the entrance into Wornal Park from Menmarsh Road. The development redline for the purposes of this report covers only the section of road frontage extending approximately 100m to the south-east from the park's main entrance.

Trees T1 through T8 are all larger specimens which form part of the contiguous roadside strip, with area A1 comprising the smaller trees and understorey which run beneath the upper canopy. The best trees are Oaks T1, T2, T3 and T5, all of which are British Standard 5837:2012 category A specimens. Norway Maple T4 is a category B specimen along with Birches T7 and T8, while Field Maple T6 is a category C tree.

A little further into the site, to the north-west of the long War Department office building, is a group of three Cherries. Of these, T9 is a category B specimen while T10 and T11 fall within category C.

The key trees in terms of both visual amenity value and habitat potential are T1 through T5, in association with the understorey of area A1.

The British Standard 5837:2012 category split of the surveyed trees is as follows:

Trees - A: 4 (36%), B: 4 (36%), C: 3 (27%), U: 0 (0%)

Areas - A: 0 (0%), B: 1 (100%), C: 0 (0%), U: 0 (0%)

A comprehensive commentary on each tree, including full spatial data, is provided within the attached Arboricultural Data Tables.

A Note on Ash

Ash Dieback Disease (ADD) is now widespread throughout the UK, though specific symptoms are not always obvious on more mature trees in the early stages of infection. The rate of decline of infected trees and the long-term prognosis for the health of Ash trees generally is currently uncertain. Some sources suggest that the UK may experience losses of up to 90% or more of its Ash trees in some areas; woodland trees in particular appear to be particularly prone to decline.

The identification of ADD infected Ash can be difficult from around October through early June, when trees are normally not in full leaf, unless the trees are very severely affected and contain large sections of deadwood.

Once infected, trees can decline rapidly and quickly lose their structural integrity. On reaching less than 50% of their normal foliar density, they are likely to require removal where they pose a threat to persons or property. Such trees can become

unpredictable and dangerous to fell or even to dismantle using normal rope access techniques, and may thus require removal using a mobile elevated work platform (MEWP) or other machinery. Hence, where trees in an early stage of infection are in locations that are inaccessible to machinery and would pose a risk to persons or property if they declined further, it may be appropriate to consider their pre-emptive removal while it is still possible to deal with them safely using conventional techniques. Each tree will need to be considered on its own merits, but the removal of good quality trees as a precautionary measure is unlikely to be recommended at this stage.

Current recommendations on those sites where Ash trees are present within falling distance of significant targets are that trees be inspected regularly, so as to account for the potentially rapid decline of currently healthy trees should ADD occur; this also applies where we may have not noted specific cases of ADD on a site at the time of survey, but we have no doubt that the disease will be present throughout the locality. Should any Ash trees on site show signs of rapid defoliation or dieback then further advice from an experienced arboriculturist should be sought.

When considering the longer-term management of Ash trees on a site, our advice is that, where such trees are within falling distance of significant targets or otherwise present a significant constraint to the site, then lesser quality trees are unlikely to be worthy of consideration for longer term retention. In these cases, removal of these lesser-quality Ash trees and their replacement with suitable alternative may well result in a net gain in amenity, landscape and biodiversity values for the site over the medium to long term.

Arboricultural Impact Assessment

The proposals show the construction of a total of seven new light industrial buildings and a café, with associated parking and landscaping. The units are set either side of the first estate road running south-east – north-west within the park. The proposals require the demolition of the former War Department building, along with a number of smaller structures set closer to the entrance of the park.

The layout of units 1 through 4, along with their associated parking and footpaths, has sought to establish a balance between tree retention and effective and efficient land usage. As a result, almost all of the construction remains comfortably outside of the root protection areas of the perimeter trees, with only a very minor incursion being presented by unit 1 into the root protection area of Oak T5; this comprises a total of 8.2m² which equates to approximately 2.5% of the tree's overall rooting area. Proposed parking requires an incursion of 3.3m² (1.5%) into the root protection area of Oak T1 and 0.4m² (0.1%) is also required. In each situation, any root protection area incursion is sufficiently small as to remain comfortably sustainable, noting that the affected trees will retain ample unsurfaced ground to exploit as they continue to grow. Subject to all root pruning

works being undertaken in accordance with Arboricultural Guidance Sheet AGS403 (copy attached), along with the provision of protective fencing and ground protection, the risk of significant harm to these trees remains low.

One tree, Birch T8, is shown for removal to accommodate the proposed layout. This tree is a good quality specimen but offers very little to the wider visual amenity value of the local landscape. The removal of this tree can be mitigated by the provision of new plantings elsewhere on the park.

Units 5 through 8 are all set some distance from the three Cherries (T9 through T11) on this side of the estate road. As the northernmost corner of the new structure is set in a very similar location to the northernmost corner of the existing office building, it is clear that risk of harm to these trees is minimal, with the parking to the side of unit 5 also being set some distance away from the root protection area of Cherry T9.

The shade paths for the individual trees are shown on the Tree Constraints Plan. Shading is less of an issue for non-residential

structures, and, in this instance, is likely to be welcomed in terms of its capacity to moderate solar gain for the adjacent units.

Whilst details of services have not been reviewed, it is reasonable to assume that these will be connected to existing service runs beneath the estate roads, and therefore the risk of harm to tree roots associated with these is minimal.

Recommendations and Conclusions

Overall, the proposals allow for the retention of all key landscape trees with a negligible risk of any harm as a consequence of construction activities. The site layout is therefore considered to be sustainable from an arboricultural perspective subject to the appropriate care being taken during construction, and robust protective fencing and ground protection being installed and maintained for the duration of the project.

This document includes a full detailed Tree Protection Plan and Arboricultural Method Statement; strict adherence to these documents will ordinarily be referenced within a condition of any planning consent granted by the local planning authority.

Tree Works Recommendations

Tree Number	Species	Proposed Works
T1	Oak	<ul style="list-style-type: none"> • Clear deposited spoil using hand tool only to restore ground to original level • Undertake root pruning in accordance with Arboricultural Guidance Sheet AGS403 as shown on the Tree Protection Plan
T2	Oak	<ul style="list-style-type: none"> • No works required at the present time
T3	Oak	<ul style="list-style-type: none"> • No works required at the present time
T4	Maple	<ul style="list-style-type: none"> • No works required at the present time
T5	Oak	<ul style="list-style-type: none"> • Undertake root pruning in accordance with Arboricultural Guidance Sheet AGS403 as shown on the Tree Protection Plan
T6	Field Maple	<ul style="list-style-type: none"> • No works required at the present time
T7	Birch	<ul style="list-style-type: none"> • Undertake root pruning in accordance with Arboricultural Guidance Sheet AGS403 as shown on the Tree Protection Plan
T8	Birch	<ul style="list-style-type: none"> • Dismantle to near ground level to facilitate development
T9	Cherry	<ul style="list-style-type: none"> • No works required at the present time
T10	Cherry	<ul style="list-style-type: none"> • No works required at the present time
T11	Cherry	<ul style="list-style-type: none"> • No works required at the present time
A1	Mixed species	<ul style="list-style-type: none"> • No works required at the present time

Informatives

The appointed tree work contractor must ensure that all tree works comply with British Standard 3998:2010 *Tree Works – Recommendations* and it is strongly advised that the appointed tree contractor is Arboricultural Association Approved to ensure high standards and a consistency of work.

Under the Wildlife & Countryside Act 1981 & Countryside & Rights of Way Act 2000 it is an offence to recklessly damage or destroy the nest of a wild bird whilst in use or being built; planning consent does not provide a defence against prosecution under these Acts. Trees, shrubs and hedgerows on this site may contain nesting birds between 1st March and 31st August and it is advisable to undertake a survey of the site before commencing any vegetation removal between these dates, to ensure that no nesting birds are present. Advanced Arboriculture are able to undertake a survey to identify the presence of bats or nesting birds if required at the request of the client.

Tree Protection Statement

Tree Protection Statement Introduction

The attached Tree Protection Plan and Arboricultural Method Statement detail the tree protection measures required for the proposals, the timing of the provision of tree protection measures, and the retention of a suitably qualified arboricultural supervisor in the event of any accidental damage to the trees.

This document must be reviewed by the project manager and/or site manager with the arboricultural supervisor prior to the commencement of any works to ensure that both the scheduling and protection measures detailed within the Arboricultural Method Statement remain achievable and realistic. Once the Tree Protection Plan and Arboricultural Method Statement Plans have been reviewed and signed off by both the site manager and arboricultural supervisor, these drawings must be held on site for ongoing reference and to allow the local planning authority to check them at any reasonable time. Any variations to the Tree Protection Plan or Arboricultural Method Statement must be copied to the local planning authority; in the case of major variations to these documents, written approval may be required.

Arboricultural Supervision

An ad-hoc arboricultural inspection programme is shown on the Arboricultural Method Statement Plans. Inspections must be requested by the project manager and/or site manager where the project scope changes, or where unforeseen construction activities may present a threat to retained trees on or adjacent to the site. The attached Arboricultural Supervision Record Sheet must be filled in on an ongoing basis and retained on site for inspection by the local planning authority at any reasonable time.

Staff Induction

The Arboricultural Method Statement references the attached Arboricultural Staff Induction Sheet. This must be read, understood and signed by all site operatives, including sub-contractors, as an integral element of their initial site induction. The purpose of this is to minimise the potential for damage to trees during construction.

Protective Fencing

Protective fencing is a key element of the tree protection measures for this project. This comprises 38 braced Heras panels (see Arboricultural Guidance Sheet AGS101 attached); the specification for these matches the specification detailed within British Standard 5837:2012. There may be instances on site where it is desirable to substitute braced Heras fencing with site hoarding; the specification for the hoarding and the method statement for its construction must be approved prior to installation by the arboricultural supervisor.

All fencing must be erected prior to the commencement of any mobilisation to site by contractors, plant or materials and must remain in situ until all construction works have been completed and approval for removal is granted by the arboricultural supervisor.

Site Organisation

Prior to the commencement of any demolition or construction activities on site, the locations for site offices, welfare facilities, parking, a materials storage area and a concrete/plaster mixing area must be designated and marked on the Tree Protection Plan.

It may be possible to locate site huts, cabins and welfare facilities where protective fencing is shown on the Tree Protection Plan, however, this will only be possible with the written consent of the arboricultural supervisor and subject to the following conditions:

- The site huts will remain in situ for the duration of the project (if not, protective fencing will still be required prior to the installation of the huts, or after their removal);
- There is sufficient crown height available to accommodate the huts without the need for unauthorised crown lifting or pruning;
- Any services or sewerage for the huts must remain above ground and not require excavation;

- No discharge from the huts, including grey water, shall be permitted within the demarcated construction exclusion zone, with the exception of rainwater from the roofs or guttering;
- Where foundation pads are required to support huts, these must comprise timber sleepers or Jack Pads (see www.jackpad.co.uk) placed on the existing ground level (digging foundations in must be avoided).

Parking, materials storage and materials mixing must remain outside of the designated construction exclusion zones, and the materials mixing area should be bunded or contained such that any spillage or rinsings cannot run towards the root protection areas of any retained trees.

There is not considered to be sufficient space to accommodate bonfires within the site due to the risk of heat damage to either the rooting system or crown of any retained tree.

If bonfires are permitted, these must remain at least ten metres from either the construction exclusion zone, root protection area or crown spread of any tree, whichever is closer; this is to minimise any risk of heat damage to either the rooting system or crown of any retained tree.

Ground Protection

Ground protection comprising 11 8' x 4' panels is shown on the Tree Protection Plan where construction access over root protection areas is unavoidable. A ground protection specification is shown in Arboricultural Guidance Sheet AGS201.

Ground protection must be installed at the same time as the protective fencing and must remain in situ for the duration of the project. The ground protection may only be lifted earlier in the construction programme with the written consent of the arboricultural supervisor.

Demolition of Existing Structures and Surfaces

Care will be required when undertaking demolition works on site. Demolition activities must be informed by the diagrams and information detailed within Arboricultural Guidance Sheet

Tree Protection Statement

AGS408. A copy of this document must be included within all tender documents to ensure that the appointed contractor factors tree constraints and protection into their workflow and costings.

Root Pruning

Where excavation is required on the outer sections of the root protection areas of Oaks T1 and T5, and Birch T7, it will be necessary to undertake controlled excavation and root pruning. It is recommended that this be undertaken by a suitably qualified arboricultural contractor in accordance with the method statement detailed within Arboricultural Guidance Sheet AGS403. We are able to arrange these works on request.

Services

The location of proposed new services has not been made available to Advanced Arboriculture Ltd at the time of this

report's preparation. All services must be routed outside of the root protection areas of all retained trees. Where this is not possible, alternative installation methods must be investigated, including manual digging, directional boring, etc.

I recommend that the engineering drawings showing the proposed service routes are forwarded to Advanced Arboriculture Ltd for review prior to the commencement of any ground works or services installation. I am able to forward a PDF or AutoCAD DWG file directly to the project engineers on request showing the accurate locations of the root protection areas.

Hard and Soft Landscaping

Any hard landscaping within the root protection area of any retained trees which includes changes in ground levels (cut or fill), new walls or new paths will require further arboricultural

review to ensure that any detrimental impact is limited. If unsustainable damage is considered to be unavoidable then the landscaping scheme will require revision.

Soft landscaping near retained trees, including the planting of new trees and shrubs, must be undertaken with considerable care due to the potential for rooting damage. Mechanical rotovation or cultivation within the construction exclusion zones shown on the Tree Protection Plan must be avoided as this can cause significant damage to the rooting system of adjacent trees.

All new trees must be sourced from a reputable nursery and planted in accordance with the recommendations detailed within British Standard 8545:2014. We are able to provide an independent verification of the quality of new trees prior to planting on request.

Arboricultural Data Tables

Cascade Chart For Tree Quality Assessment (Source: British Standard 5837:2012)

Category and definition	Criteria (including subcategories where appropriate)		
Trees unsuitable for retention			
Category U Those in such a condition that they cannot realistically be retained as living trees in the context or the current land use for longer than 10 years	<ul style="list-style-type: none"> Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse including those that will become unviable after removal of other category U trees (e.g. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning) Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality Note: Category U trees can have existing or potential conservation value which it may be desirable to preserve		
	1. Mainly arboricultural qualities	2. Mainly landscape qualities	3. Mainly cultural values, including conservation
Trees to be considered for retention			
Category A Trees of high quality with an estimated life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual: or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and/or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	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 beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	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 a wider locality	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood - pasture)
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of a very limited merit or such an impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value

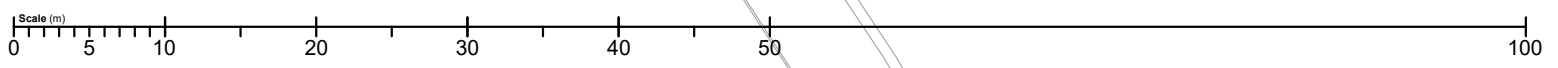
Abbreviations used in the survey are as follows:

Tree No	Corresponding to plan	Cr Ht	Height of crown above ground level	P	Poor (trees with significant defects)
Species	Common name	Age Class	Y Young (grown to less than one third of life expectancy)	Dead	Dead
Ht	Detailed in metres	MA	Middle Aged (grown to between one to two-thirds of life expectancy)	BS Cat	British Standard 5837:2012 Category (see Table 1 in British Standard 5837:2012 for full details)
Sprd	Crown spread as measured at the four cardinal points of the compass	M	Mature (grown to over two thirds of normal life expectancy)	m/s	Denotes multistem tree along with the individual stem diameters
Stem Dia	Diameter at breast height in mm (1.5 metres above ground level), or measured in accordance with the prescribed British Standard protocol in the case of multi-stemmed specimens (see Annex C in British Standard 5837:2012 for full details)	OM	Over Mature	#	Denotes estimated value where access was not possible
RPA	Root Protection Area radius in metres (derived from the British Standard 5837:2012 formulae)	V	Veteran		
Ht to L/B	Crown height, as measured to the height of the lowest branch	SULE	Safe useful life expectancy range in years		
Dir	Direction from which the lowest branch arises	Cond	Condition, both physiological and structural:		
		G	Good (trees with no significant defects)		
		F	Fair (trees with some defects amenable to surgery)		

Tree No.	Species	Height (m)	Cr Sprd (m)	Stem Dia (mm)	RPA Rad (m)	RPA Area (m ²)	LB Ht (m)	Cr Ht (m)	Age Cl	SULE	Cond Phys/Str	Observations	Recommendations	BS Cat
T1	Oak	18.0	N: 5.0 E: 5.0 S: 5.0 W: 2.0	690	8.40	222	6.0/E	6.0	M	>40	G/G	<ul style="list-style-type: none"> Quercus robur Spoil deposited over the root protection area to the north Proposals require minor sustainable incursion of 3.3m² (equivalent to 1.5%) into outer root protection area 	<ul style="list-style-type: none"> Clear deposited spoil using hand tool only to restore ground to original level Undertake root pruning in accordance with Arboricultural Guidance Sheet AGS403 as shown on the Tree Protection Plan 	A1
T2	Oak	18.0	N: 5.0 E: 3.0 S: 8.0 W: 8.0	890	10.80	366	6.0/N	8.0	M	>40	G/G	<ul style="list-style-type: none"> Quercus robur 	<ul style="list-style-type: none"> No works required at the present time 	A1
T3	Oak	16.0	N: 5.0 E: 5.0 S: 7.0 W: 6.0	770	9.30	272	3.0/W	4.0	M	>40	G/G	<ul style="list-style-type: none"> Quercus robur 	<ul style="list-style-type: none"> No works required at the present time 	A1
T4	Maple	14.0	N: 4.0 E: 4.0 S: 4.0 W: 4.0	380	4.50	64	2.0/E	3.0	Y	>40	G/G	<ul style="list-style-type: none"> Acer platanoides 	<ul style="list-style-type: none"> No works required at the present time 	B1
T5	Oak	20.0	N: 5.0 E: 6.0 S: 7.0 W: 6.0	860	10.20	327	6.0/N	5.0	M	>40	G/G	<ul style="list-style-type: none"> Quercus robur Proposals require minor sustainable incursion of 8.2m² (equivalent to 2.5%) into outer root protection area 	<ul style="list-style-type: none"> Undertake root pruning in accordance with Arboricultural Guidance Sheet AGS403 as shown on the Tree Protection Plan 	A1
T6	Field Maple	13.0	N: 5.0 E: 6.0 S: 5.0 W: 1.0	360	4.20	55	3.0/N	5.0	MA	>40	G/F	<ul style="list-style-type: none"> Acer campestre 	<ul style="list-style-type: none"> No works required at the present time 	C1
T7	Birch	12.0	N: 4.0 E: 3.0 S: 3.0 W: 4.0	390	4.80	72	2.0/N	3.0	MA	>40	G/G	<ul style="list-style-type: none"> Betula utilis Proposals require minor sustainable incursion of 0.4m² (equivalent to 0.1%) into outer root protection area 	<ul style="list-style-type: none"> Undertake root pruning in accordance with Arboricultural Guidance Sheet AGS403 as shown on the Tree Protection Plan 	B1
T8	Birch	12.0	N: 4.0 E: 5.0 S: 5.0 W: 2.0	430	5.10	82	2.0/E	3.0	MA	>40	G/G	<ul style="list-style-type: none"> Betula utilis 	<ul style="list-style-type: none"> Dismantle to near ground level to facilitate development 	B1
T9	Cherry	10.0	N: 4.0 E: 5.0 S: 5.0 W: 4.0	500	6.00	113	2.0/S	3.0	M	>40	G/G	<ul style="list-style-type: none"> Prunus avium 	<ul style="list-style-type: none"> No works required at the present time 	B1

Tree No.	Species	Height (m)	Cr Sprd (m)	Stem Dia (mm)	RPA Rad (m)	RPA Area (m ²)	LB Ht (m)	Cr Ht (m)	Age Cl	SULE	Cond Phys/Str	Observations	Recommendations	BS Cat
T10	Cherry	9.0	N: 3.0 E: 3.0 S: 1.0 W: 1.0	270	3.30	34	3.0/S	4.0	MA	>40	G/F	• Prunus avium	• No works required at the present time	C1
T11	Cherry	9.0	N: 3.0 E: 3.0 S: 3.0 W: 3.0	310	3.60	41	1.5/N	2.5	MA	>40	G/G	• Prunus avium	• No works required at the present time	C1

Ref No.	Species	Height (m)	Cr Sprd (m)	Stem Dia (mm)	RPA Rad (m)	RPA Area (m ²)	LB Ht (m)	Cr Ht (m)	Age Cl	SULE	Cond Phys/Str	Observations	Recommendations	BS Cat
A1	<ul style="list-style-type: none"> Sycamore Elm Hawthorn Ash Horse Chestnut 	<8.0	N: <2.5 E: <2.5 S: <2.5 W: <2.5	<290	<3.60	<41	>=0.0	>=0.0	Y	>40	F/F	<ul style="list-style-type: none"> Historic planting understory to large Oaks Of value as visual and sound screening Some rabbit guards still evident 	<ul style="list-style-type: none"> No works required at the present time 	B1



Notes

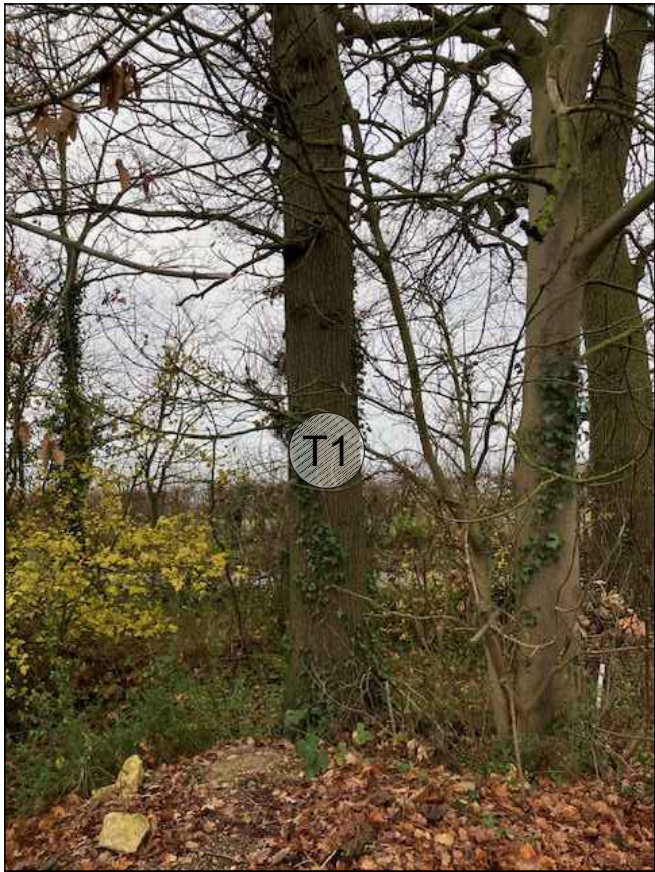
- Numbers relate to the photographs in the following section.
- Photograph locations and directions are indicative.
- Copies of these photographs in JPEG format are available from Advanced Arboriculture on request.

Photograph Locations

Location:
Wornal Park
Worminghall

Date: 03.01.2024	Project Reference: TH/B942/1223	Revision: 1.0
Scale: 1:500	Paper Size: A3	Drawn By: TH

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Photograph 1: Oak T1 (with area A1 understorey)



Photograph 2: Oak T2 (with area A1 understorey)



Photograph 3: Oak T3 (with area A1 understorey)



Photograph 4: Maple T4 (with area A1 understorey)



Photograph 5: Oak T5 (with area A1 understorey)



Photograph 6: Field Maple T6



Photograph 7: Birches T7 and T8



Photograph 8: Cherries T9, T10 and T11

Notes

- Copies of these photographs in JPEG format are available from Advanced Arboriculture on request.

Drawing Title:

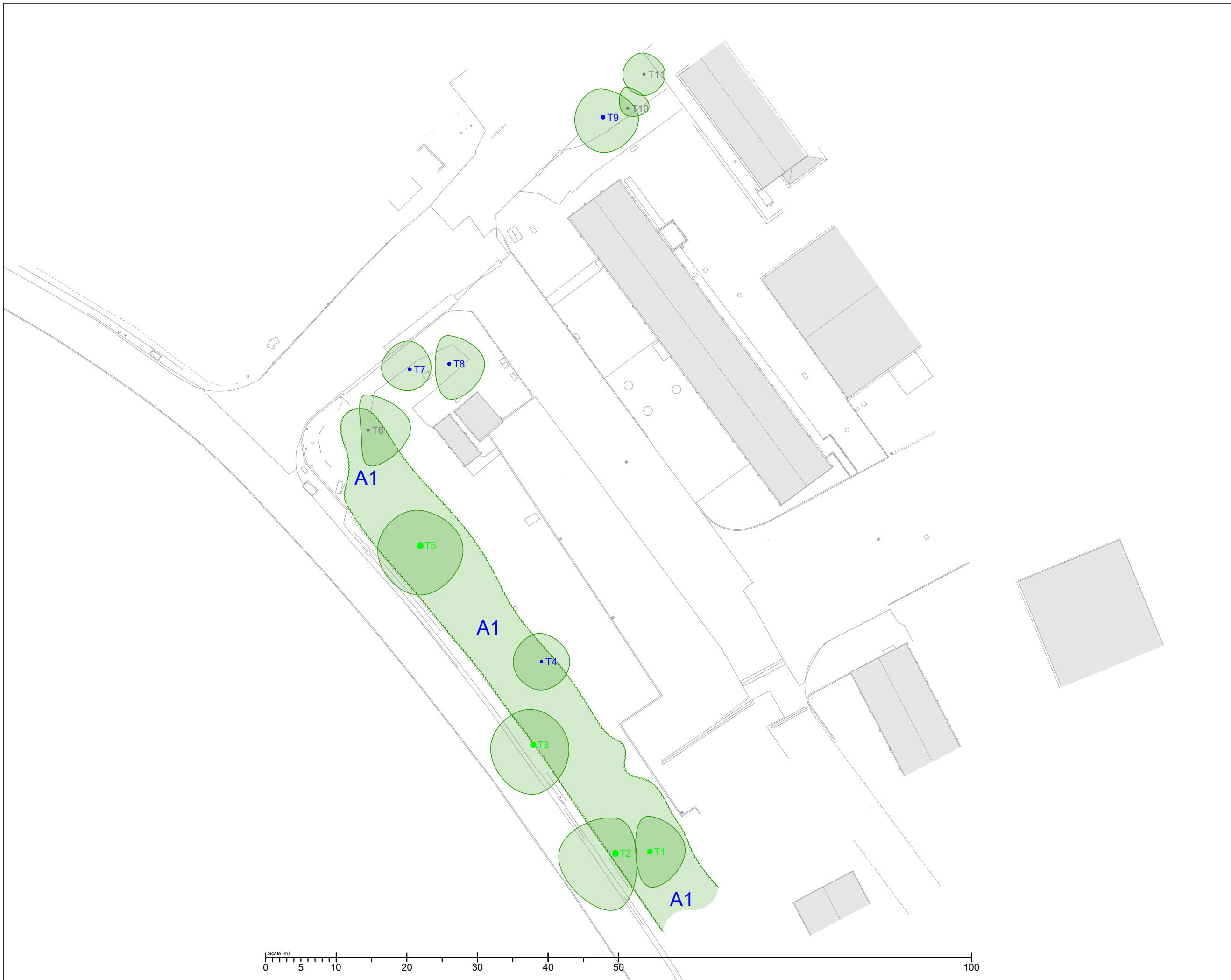
Photographs

Location:

**Wornal Park
Worminghall**

Date:	Project Reference:	Revision:
03.01.2024	TH/B942/1223	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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w: www.advancedarb.com



Key

- T_n Category A tree
- T_n Category B tree
- T_n Category C tree
- T_n Category U tree
- Individual tree crown spread
- Collective crown spreads
- Root protection area
- BS5837:2012 shade path
- ⊗ Trees to remove to enable development
- Proposed development footprint
- Construction exclusion zone
- Braced Heras fencing (see AGS101)
- Ground protection zone (see AGS201)
- Root pruning line (see AGS 403)

Notes

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Drawing Title:
Tree Location Plan

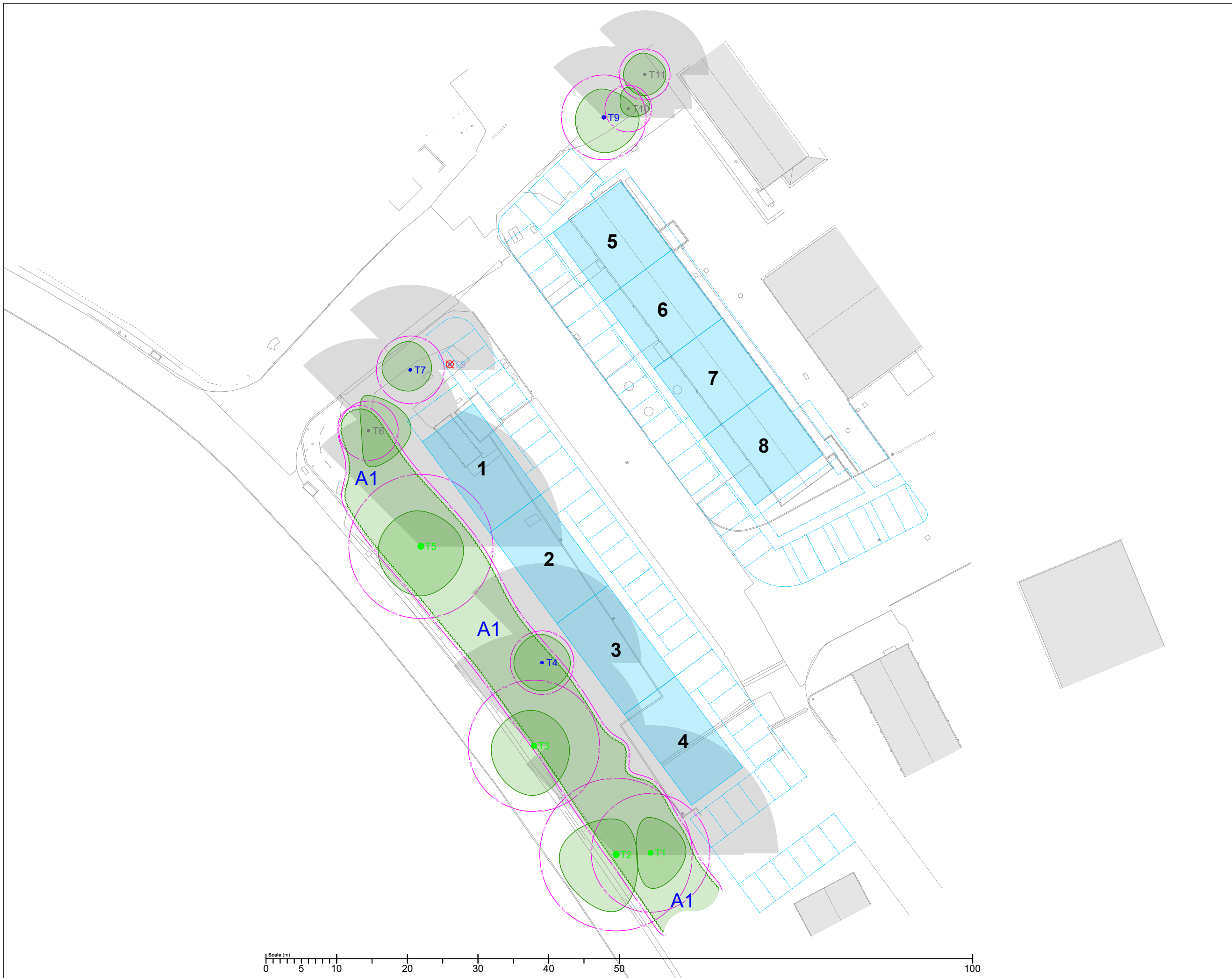
Location:
**Wornal Park
 Worminghall**

Date:	Project Reference:	Revision:
03.01.2024	TH/B942/1223	1.0
Scale:	Paper Size:	Drawn By:
1:500	A3	TH

Advanced Arboriculture
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 Woodbury
 Devon EX5 1LD
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 w: www.advancedarb.com




Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon. All drawings © Advanced Arboriculture.



Key

- T_n Category A tree
- T_n Category B tree
- T_n Category C tree
- T_n Category U tree
- Individual tree crown spread
- Collective crown spreads
- Root protection area
- BS5837:2012 shade path
- X Trees to remove to enable development
- Proposed development footprint
- Construction exclusion zone
- Braced Heras fencing (see AGS101)
- Ground protection zone (see AGS201)
- Root pruning line (see AGS 403)



Notes

•

Drawing Title:
Tree Constraints Plan

Location:
**Wornal Park
 Worminghall**


Date:	Project Reference:	Revision:
03.01.2024	TH/B942/1223	1.0
Scale:	Paper Size:	Drawn By:
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Key

- T_n Category A tree
- T_n Category B tree
- T_n Category C tree
- T_n Category U tree
- Individual tree crown spread
- Collective crown spreads
- Root protection area
- BS5837:2012 shade path
- X Trees to remove to enable development
- Proposed development footprint
- Construction exclusion zone
- Braced Heras fencing (see AGS101)
- Ground protection zone (see AGS201)
- Root pruning line (see AGS 403)



Notes

- **Protective fencing must not be breached or dismantled at any point during the construction programme without the written consent of the local planning authority.**
- **Failure to fully comply with this Tree Protection Plan may result in the local planning authority pursuing enforcement action.**
- **It is the Site Manager's responsibility to ensure that all site personnel, plant and materials remain outside of the Construction Exclusion Zones and protective fencing at all times.**

Drawing Title:
Tree Protection Plan

Location:
**Wornal Park
 Worminghall**

Date:	Project Reference:	Revision:
03.01.2024	TH/B942/1223	1.0
Scale:	Paper Size:	Drawn By:
1:500	A3	TH

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Arboricultural Method Statement

- All works to be undertaken sequentially in accordance with the following schedule:
1. Tree Protection Plan and Arboricultural Method Statement to be reviewed and signed off by the Site Manager and Arboricultural Supervisor (see below). Any amendments to be made and a copy of all revised documents sent to the local planning authority as necessary. Signed off copy to be held on file in the site office for the duration of construction works.
 2. All site personnel, including sub-contractors, to be advised of tree protection requirements during induction (see Arboricultural Induction Sheet).
 3. All tree works to be undertaken in accordance with British Standard 3998:2010.
 4. All root pruning to be undertaken as detailed within Arboricultural Guidance Sheet AGS 403.
 5. Protective fencing and ground protection to be installed as per the specifications detailed within Arboricultural Guidance Sheets AGS101 and AGS201.
 6. Arboricultural supervisor to attend site to inspect tree protection measures prior to the commencement of any construction activities (may be done via Skype/Facetime where practicable).
 7. Demolition to be completed in accordance with methodology detailed within Arboricultural Guidance Sheet AGS408.
 8. Construction to commence in accordance with approved site layout.
 9. Advanced Arboriculture to undertake inspections at key trigger points (see Arboricultural Supervision Inspection Record) along with ad hoc inspections at the request of the site manager or client. All inspections to be logged on the Arboricultural Supervision Inspection Record and any issues to be raised within an Exception Report to the client.
 10. Any accidental damage to trees to be reported immediately to Advanced Arboriculture with any necessary remedial works to be agreed with the local planning authority.
 11. Fencing and ground protection to be dismantled only on completion of all construction works and to allow for soft landscaping.
 12. Signed copy of this drawing and Arboricultural Supervision Inspection Record to be held on project files on completion of all construction works.



- Notes**
- The arboricultural supervision requirements are detailed within the attached supervision record but may be further modified by a planning condition.
 - The arboricultural supervision schedule must be incorporated into the project programme, ensuring that the arboricultural supervisor is contacted with a minimum of five working days before the identified key trigger points.
 - Failure to fully comply with this Arboricultural Method Statement and supervision programme may result in the local planning authority refusing to sign off any tree-related planning conditions, or pursuing enforcement action.
 - It is the client's responsibility to appoint an arboricultural supervisor prior to the commencement of the project on site. Advanced Arboriculture Ltd cannot be held liable for any failure to follow this schedule or for non-compliance with the prescribed tree protection measures and method statements.
 - The client may appoint any suitably qualified and experienced arboricultural consultant to fulfil the role of arboricultural supervisor, but Advanced Arboriculture Ltd are able to take on this role on request.

Document Review

The Arboricultural Method Statement must be reviewed and signed off by the Site Manager and Arboricultural Supervisor prior to the commencement of works to ensure that it is fit for purpose.

Site Manager: _____
 Arb Supervisor: _____
 Date: _____

Document reviewed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Issues raised?	<input type="checkbox"/>	<input type="checkbox"/>
Revised document required?	<input type="checkbox"/>	<input type="checkbox"/>

Drawing Title:
Arboricultural Method Statement Plan

Location:
**Wornal Park
 Worningham**

Date:	Project Reference:	Revision:
03.01.2024	TH/B942/1223	1.0
Scale:	Paper Size:	Drawn By:
1:500	A3	TH

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Tree Protection Information



Trees on this site are legally protected by the Local Planning Authority.

- Planning conditions, Tree Preservation Orders and Conservation Area regulations mean that damage to trees may result in enforcement action and all site works being stopped.



Protective fencing must not be moved or dismantled under any circumstances.

- The protective fencing for the trees is there to protect the trees and their rooting systems.
- The fencing must not be moved for any reason unless it has been approved by the Site Manager and the Arboricultural Supervisor.



The Construction Exclusion Zones are not to be used for any reason.

- These areas are there for a reason: to protect the tree above and below the ground.
- Storage of materials, the mixing of concrete, the fueling of machines, the parking of vehicles, etc. all cause damage to a tree's roots so use a designated zone for these activities.



Trees are not to be used for any purpose - they are there for the future.

- Trees are not to be used as a place to screw signs onto, or as cable supports.
- Fires can do massive damage to trees, both above and below ground, and even some distance away. If a fire is permitted on site, it must be at least ten metres from the nearest branch of any retained tree.



Extra care will always be required when craning or using excavators.

- It's too easy to accidentally swing an excavator boom, HIAB, crane jib or load into the branches or trunk of a tree so extra care is always required.
- Plan all movements carefully, make sure the operator has good visibility and, where possible, use an experienced banksman.



What to do if it all goes wrong?

- Accidents can happen so if a tree is damaged, even only slightly, this must be reported to the Site Manager immediately.
- If the Site Manager is not available then contact Advanced Arboriculture immediately to seek further advice.

All site staff including archaeologists, consultants, contractors, sub-contractors, arborists and landscapers must sign below to confirm that they have read and understood this information

Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____
Full Name: _____ Signature: _____ Company: _____ Date: _____	Full Name: _____ Signature: _____ Company: _____ Date: _____

Notes for Site Manager

- **Damage to trees during construction can result in enforcement action, including the local authority issuing Stop Notices or pursuing prosecution for damage to trees covered by a Tree Preservation Order.**
- It is essential that all staff working on site, including contractors, sub-contractors and delivery drivers, are made aware of the tree protection measures in operation on this site.
- It may be necessary to read the sheet out to personnel with limited literacy or language skills.
- Every member of staff must sign this sheet to confirm that they have fully understood the tree protection measures. The sheet must remain on site with the Tree Protection Plan and Arboricultural Method Statement to allow for inspection at any reasonable time by the Arboricultural Supervisor or the Local Planning Authority Arboricultural Officer.
- In the event of any queries, concerns or amendments, please contact Advanced Arboriculture at the earliest opportunity.
- **It is essential that the project has a designated Arboricultural Supervisor. If this role has not been assigned then please contact the client or Project Manager to request authorisation to appoint an Arboricultural Supervisor.**
- It is the Site Manager's responsibility to ensure that all staff are fully inducted, that all tree protection measures are installed and maintained correctly, and that the scheduling detailed within the Arboricultural Method Statement is followed.

Arboricultural Supervisor

(unless otherwise instructed)

Name: Tom Hurley
Company: Advanced Arboriculture
Tel: 01395 239002
Mobile: 07967 384910
Email: th@advancedarb.com

Drawing Title:

Arboricultural Site Induction Sheet

Location:

**Wornal Park
Worminghall**

Date:	Project Reference:	Revision:
03.01.2024	TH/B942/1223	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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Arboricultural Supervision Inspection Record

Notes for Site Manager

- Where arboricultural supervision is included as a condition of a planning consent, there is a legal obligation to ensure that it is complied with in full.
- It is the site manager's responsibility to ensure that the arboricultural supervisor is appointed and inspections commissioned as per the planning consent. Failure to comply with the prescribed arboricultural supervision requirements remains the responsibility of the client.
- Reasons for requesting additional ad hoc inspections may include accidental damage to trees, an amendment to proposals, or to clarify a detail on the Tree Protection Plan or Arboricultural Method Statement. The Arboricultural Supervisor shall make every effort to attend site within 48 hours of receiving a request from the Site Manager.
- Inspections at key trigger points may coincide with scheduled inspections
- Local planning authority officers may ask to see the completed Arboricultural Supervision Inspection Record at any reasonable time.
- Any issues raised during an inspection may require the Arboricultural Supervisor to prepare an Exception Report detailing remedial works or actions; these must also be kept on file in the site office.
- On completion of all construction works, a copy of this completed document must be sent to the local planning authority by the Arboricultural Supervisor to discharge the relevant conditions of the planning consent.

Inspection Trigger Point Stages

The following project stages will trigger the need for an inspection by the arboricultural supervisor (tick all that apply):

- A Tree Protection Statement review
- B Tree protection inspection
- C Pre-site-enabling inspection*
- D Pre-demolition inspection
- E Pre-groundworks inspection
- F Pre-construction inspection
- G Mid-construction inspection**
- H Construction completion inspection
- I Pre-landscaping inspection
- J Project completion inspection
- S Scheduled inspections
- X Ad-hoc inspection (client request)
- Y Ad-hoc inspection (LPA request)
- Z Unannounced inspection

Note:
The number of inspections will be determined during the preparation of the Tree Protection Statement based on anticipated risk of harm to trees. These trigger points may be modified by the local planning authority and included as a condition of any planning consent.

- * Site enabling includes construction of access routes, site compound setup, materials storage setup, etc.
- ** Timing of mid-construction to be defined at Tree Protection Statement Review stage

Tree Protection Statement Review

Date: _____

Inspector: _____

Meeting: On-site
On-line

Consultees: Client
Architect
Project Engineer
Project Manager
Site Manager
Demolition Contractor
Groundworks Contractor
Landscape Contractor
LPA Tree Officer

Others: _____
(Please specify)

Comments: _____

Planning conditions checked? Yes No

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Inspection Record

Stage (see trigger points): _____

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Project Completion Inspection (Stage H)

Date: _____

Inspector: _____

Meeting: On-site
On-line

Comments: _____

All concerns addressed/resolved? Yes No

Tree issues? Yes No

Fencing/ground protection issues? Yes No

Document revision required? Yes No

Arboricultural Supervisor

(unless otherwise instructed)

Name: Tom Hurley
Company: Advanced Arboriculture
Tel: 01395 239002
Mobile: 07967 384910
Email: th@advancedarb.com

Arboricultural Supervision Log

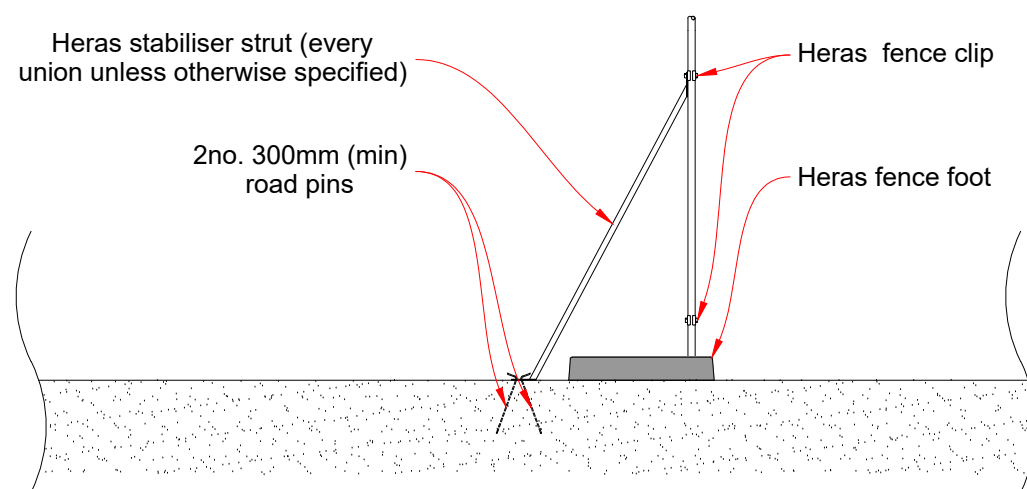
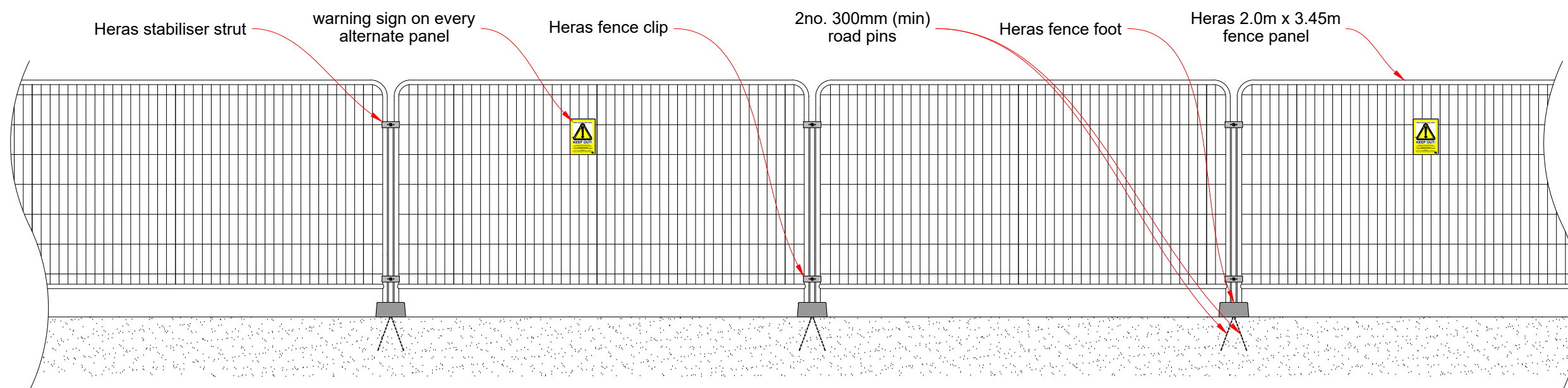
Location: **Wornal Park Worminghall**

Date: 03.01.2024 Project Reference: TH/B942/1223 Revision: 1.0
Scale: n/a Paper Size: A3 Drawn By: TH

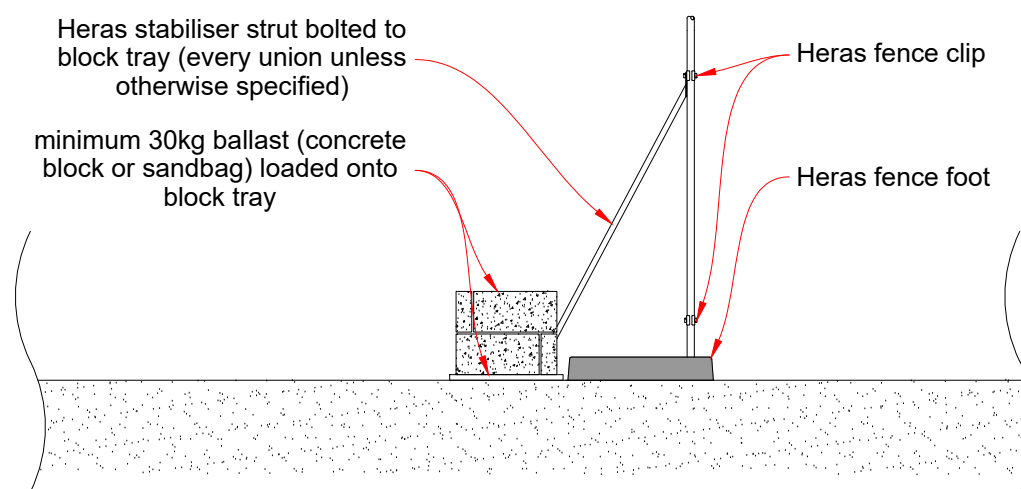
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Notes

- These specifications are for guidance only.
- This fencing specification is based on the specification detailed within British Standard 5837:2012 Figure 3 but adds an additional detail for where the use of road pins is not possible.
- Stabiliser struts to be attached at every panel union unless specified otherwise.
- A check for underground services must be completed before driving any road pins into the ground.
- Where it is not possible to use road pins due to hard surfacing or the presence of underground services, a Heras block tray may be used with a minimum of 10kg of ballast (concrete blocks, metal weights or sandbags).
- This information must accompany all tender documents to enable contractors to include tree protection measures in their costings.
- Local planning authority consent for these specifications cannot be assumed and must be sought prior to commencement of any construction works.



Back Bracing Cross Section (for use where road pins may be driven into the ground)



Back Bracing Cross Section (for use where road pins cannot be driven into the ground)

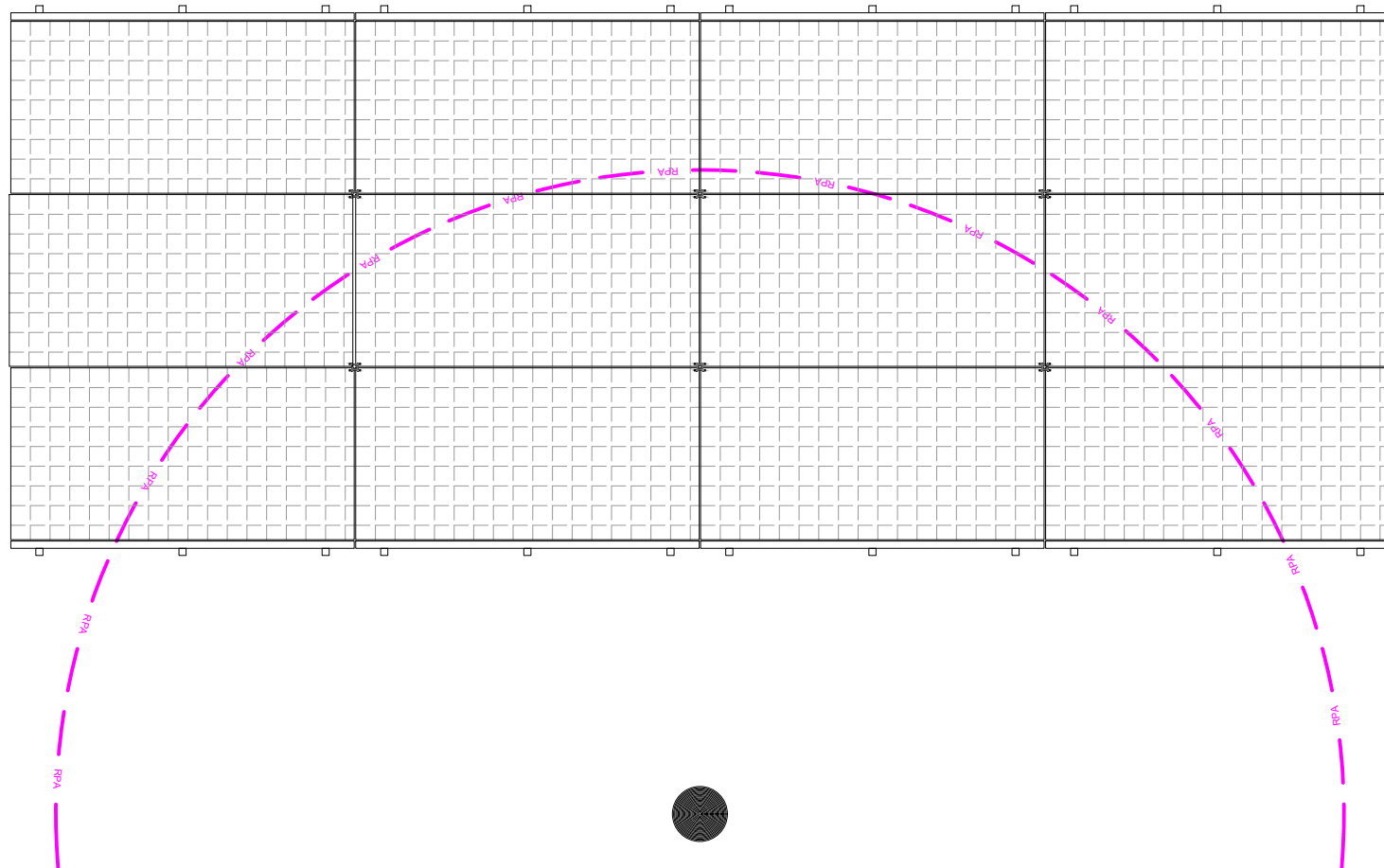
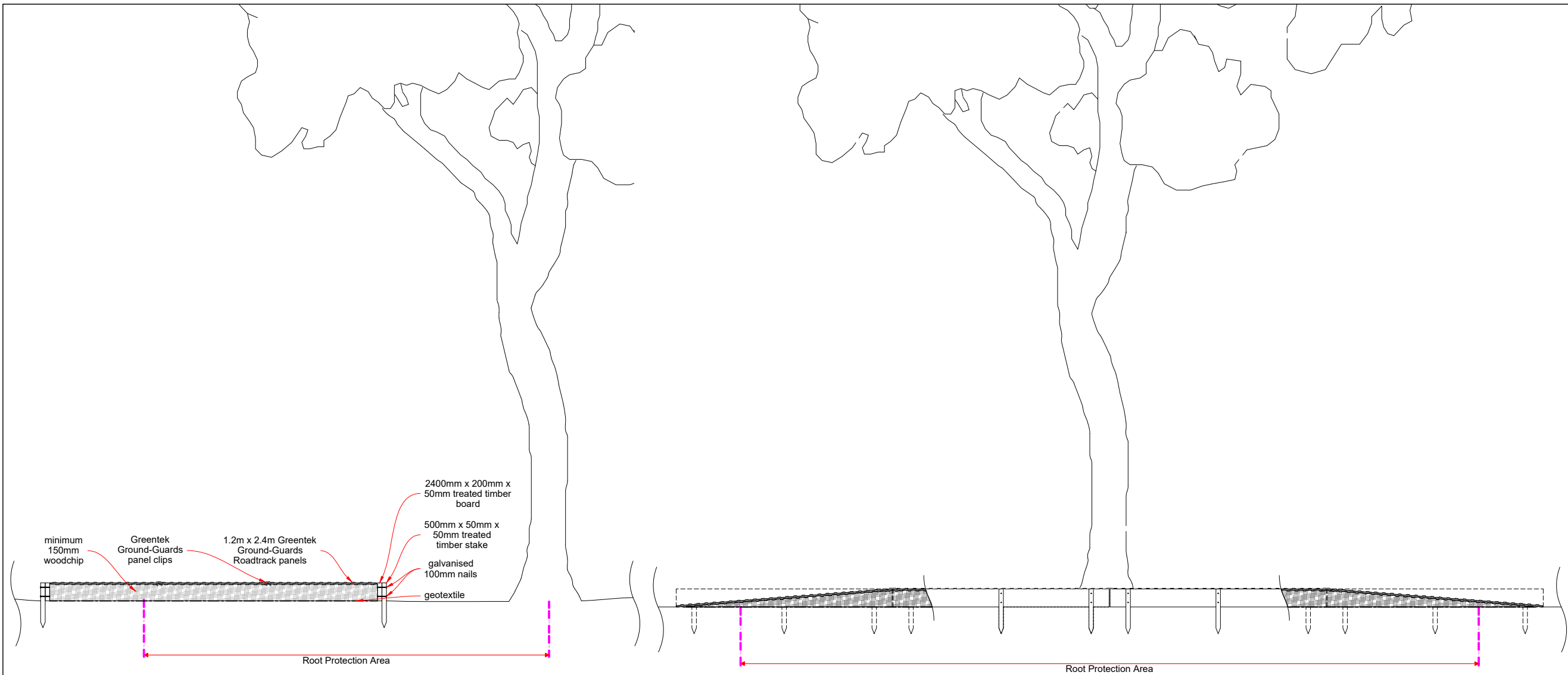
Drawing Title:
Braced Heras Fencing

Date:	Drawing Number:	Revision:
01.02.2021	AGS101	1.0
Scale:	Paper Size:	Drawn By:
1:40	A3	TH

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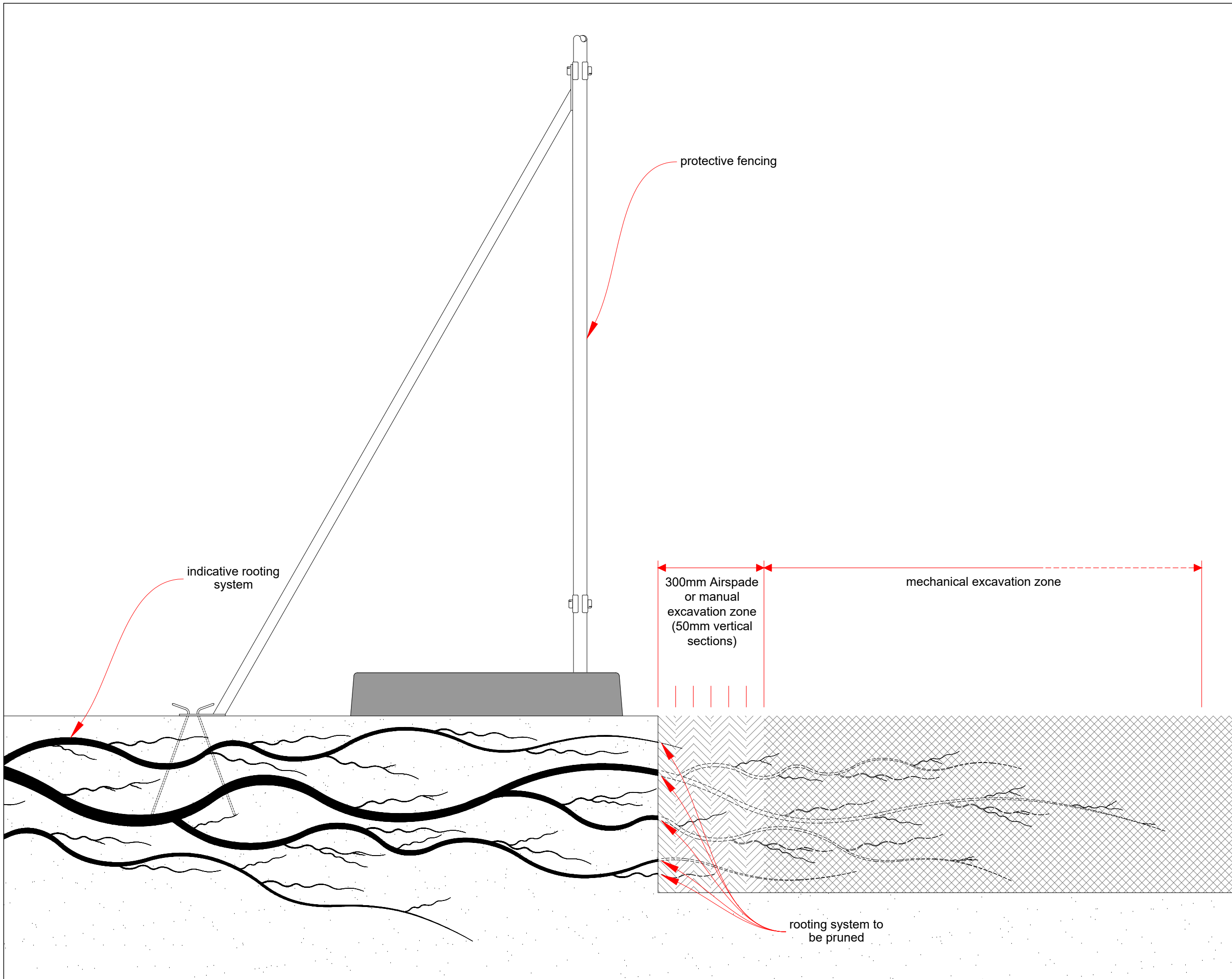
- These specifications are for guidance only.
- This information must accompany all tender documents to enable contractors to include tree protection measures in their costings.
- Local planning authority consent for these specifications cannot be assumed and must be sought prior to commencement of any construction works.



Drawing Title:
Ground Protection

Date: 01.02.2021	Drawing Number: AGS201	Revision: 1.0
Scale: 1:50	Paper Size: A3	Drawn By: TH

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- Notes**
- These specifications are for guidance only and must be reviewed by the Project Manager, Project Engineer and Arboricultural Supervisor prior to commencement of any works on site.
 - The Arboricultural Method Statement below is to be followed for all excavation permitted within the root protection area (RPA) by a full planning consent.
 - This information must accompany all tender documents to enable contractors to include tree protection measures in their costings.
 - Local planning authority consent for these specifications cannot be assumed and must be sought prior to commencement of any construction works.

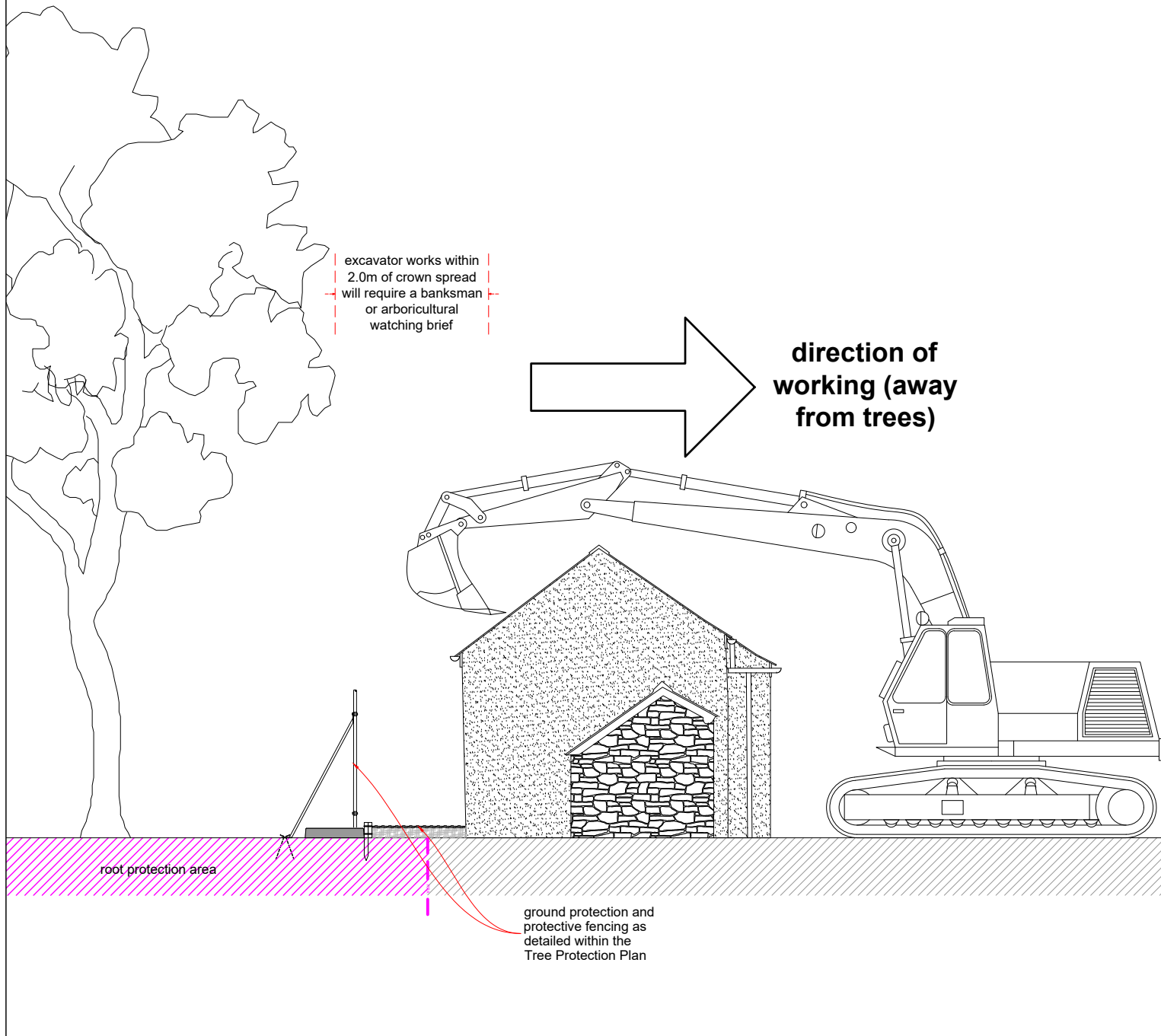
- Arboricultural Method Statement**
1. Full details of excavation to be discussed between Project Manager and Arboricultural Supervisor. Review alternative solutions to excavation and adopt where practicable (impact tunneling, re-routing, etc.)
 2. Narrowest possible bucket to be used for mechanical excavation (grading bucket to be used for final 300mm depth for trenches less than 750mm deep).
 3. Excavator to work from opposite side of trench from the RPA, cutting no closer than 300mm from final trenchline adjacent to RPA. Where this is not possible, additional ground protection measures and amended protective fencing within the RPA will be required; seek Arboricultural Supervisor's advice.
 4. Where trenches are less than 300mm width, the trench is to be created using either an Airspade or careful manual digging within the RPA. This should allow for the retention of roots in excess of 25mm diameter in services trenches where cables, ducts or pipes can be threaded beneath retained roots; these roots must be protected using foam pipe lagging for protection as soon as they are exposed.
 5. For excavations in excess of 300mm width, the final 300mm strip of excavation to be completed manually using an Airspade operated by an experienced arborist. Where soil is too wet or clay-rich for effective Airspade use, the bank must be loosened back in 50mm sections using a fork to ease back soil, taking care to minimise root scuffing and fracturing.
 6. Roots to be cut back to face of trench using sharp, clean secateurs, bypass loppers or root pruning saws.
 7. If the trench is to remain open for more than 24 hours then Hessian sacking to be secured to excavated face of trench adjacent to the RPA and immediately drenched using fresh water. Hessian sacking to be re-drenched every 24 hours during the months of March-October (inclusive) to prevent root desiccation.
 8. Hessian sacking to be removed no sooner than 24 hours prior to backfilling.

Drawing Title:
Root Pruning Within Root Protection Area

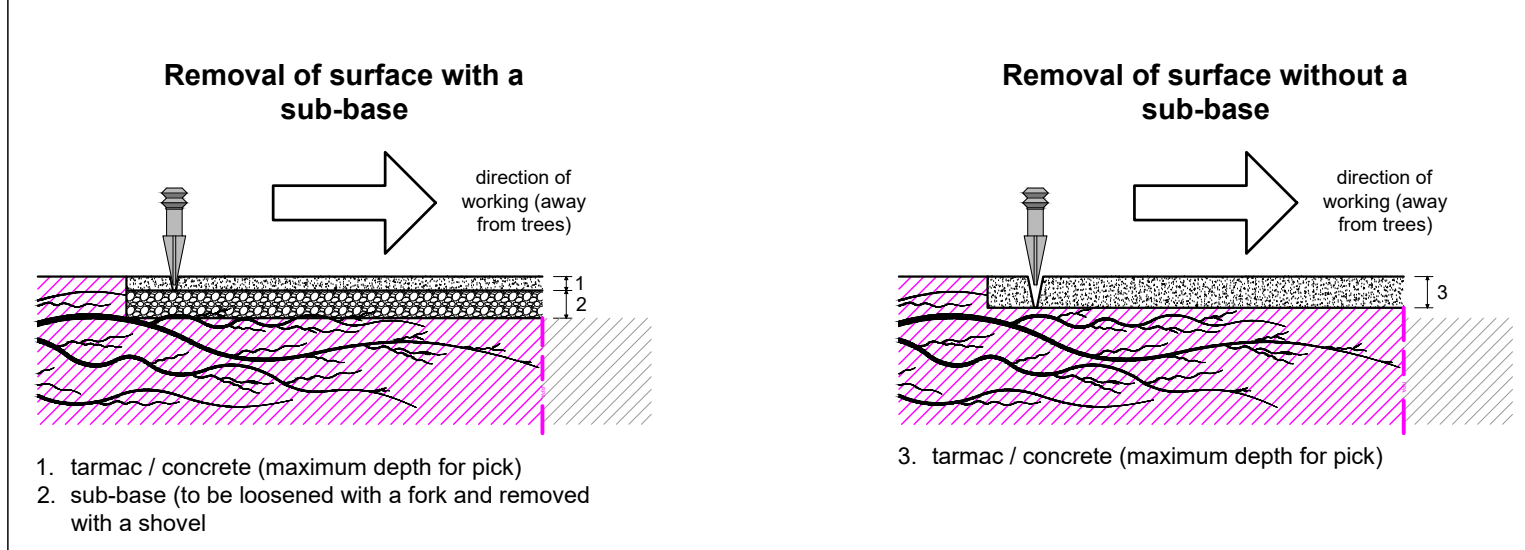
Date:	Drawing Number:	Revision:
01.02.2021	AGS403	1.0
Scale:	Paper Size:	Drawn By:
1:10	A3	TH

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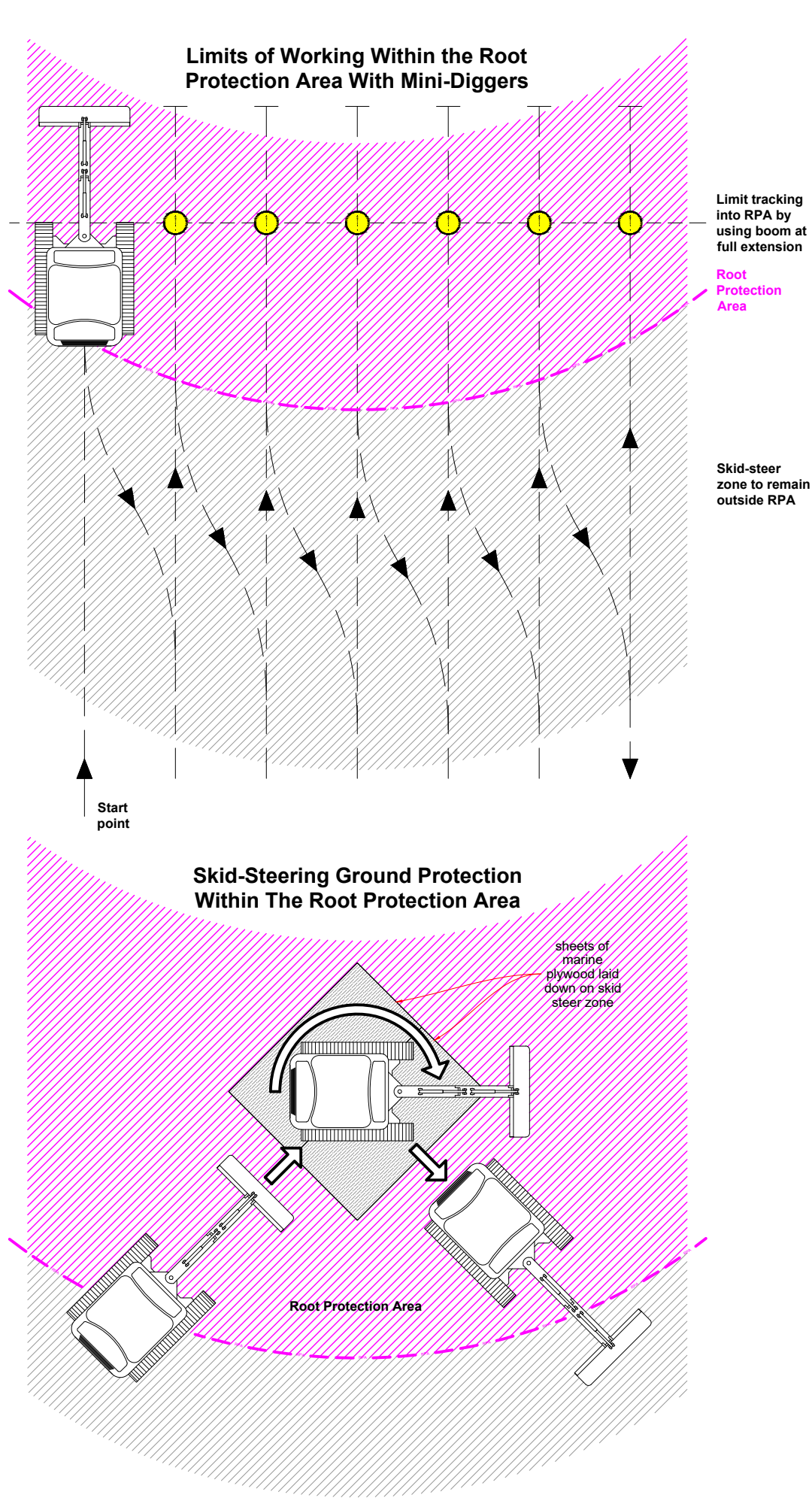
Demolition Zone Working Directions



Removal of Hard Surfaces Near Trees



Mechanical Plant Operations Near Trees



- Notes**
- These specifications are for guidance only and must be reviewed by the Project Manager, Demolition Contractor and Arboricultural Supervisor prior to commencement of any works on site.
 - This information must accompany all tender documents to enable contractors to include for specific working requirements in their costings.
 - Local planning authority consent for these specifications cannot be assumed and may need to be sought prior to commencement of any demolition works.

- Site Organisation**
1. All works to be undertaken from outside of the root protection areas.
 2. Tree protection measures to be installed prior to mobilisation to site by demolition contractors.
 3. Any excavator or crane works within 2.0m of the crown spread of retained trees will require an experienced banksman or arboricultural watching brief.
 4. Structures to be demolished in opposite direction from retained trees.
 5. All arisings to be stored outside of the root protection areas in a location that allows rubble, etc. to be collected without unnecessary HGV movements across any root protection areas.
 6. Any crushed rubble piles to be located so that fine particles cannot be carried towards root protection areas by rainfall.
 7. All hard surfacing within root protection areas to be removed as detailed, working away from retained trees.

- Arboricultural Method Statement**
1. All permitted tree works, including access facilitation pruning or felling, to be undertaken as per permitted tree works specification and in accordance with BS3998:2010 and any relevant ecological legislation.
 2. Ground protection measures (as detailed within the Tree Protection Plan) which may include protective fencing, ground protection, signage, or other elements to be installed prior to demolition contractor mobilising to site.
 3. Layout of site for demolition to be set out as agreed with Arboricultural Supervisor
 4. Schedule of demolition to be agreed with Arboricultural Supervisor to allow for pre-booking of arboricultural watching brief if required.
 5. Demolition works to commence as agreed.
 6. Arboricultural Supervisor to undertake ad hoc inspections at the request of the site manager or client. All inspections to be logged on the Arboricultural Supervision Inspection Record and any issues to be raised within an Exception Report to the client.
 7. Any accidental damage to trees to be reported immediately to Advanced Arboriculture with any necessary remedial works to be agreed with the local planning authority.

Drawing Title:
Demolition of Structures and Surfaces Near Trees

Date:	Drawing Number:	Revision:
13.10.2021	AGS408	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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TREE PROTECTION AREA



KEEP OUT

(TOWN AND COUNTRY PLANNING ACT 1990)

TREES ENCLOSED BY THIS FENCE ARE LEGALLY PROTECTED BY PLANNING CONDITIONS AND MAY BE THE SUBJECT OF A TREE PRESERVATION ORDER.

ANY INCURSION INTO THE PROTECTED AREA MUST HAVE THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY.

IN CASE OF ANY DAMAGE TO PROTECTIVE FENCING OR TREES, CALL ADVANCED ARBORICULTURE ON 01395 239002.

Advanced Arboriculture • www.advancedarb.com • office@advancedarb.com • 01395 239002

Notes

This poster may be printed out and laminated or requested electronically as an A4 PDF or ready printed on laminated board.

Printing Instructions (A4 printing only):

- For the best results, this document should be printed using a colour laser printer and laminated.
- Open this file in Adobe Acrobat Reader or Acrobat Pro.
- Select *File > Print*.
- Choose the printer and make sure it is set to print on A4 paper.
- Under *Size Options*, choose "Actual size".
- Under *Orientation*, choose "Portrait".
- Select *Print*.

Electronic Copies:

- This document may be downloaded directly from the Advanced Arboriculture website using the following links:

A4: <http://www.advancedarb.com/download/A4.pdf>

A3: <http://www.advancedarb.com/download/A3.pdf>

These documents may only be used for projects where Advanced Arboriculture have been appointed as the arboricultural supervisors.

All documents are © Advanced Arboriculture.

Arboricultural Supervisor

(unless otherwise instructed)

Name: Tom Hurley
Company: Advanced Arboriculture
Tel: 01395 239002
Mobile: 07967 384910
Email: th@advancedarb.com

Drawing Title:

Protective Fencing Poster

Date:	Drawing Number:	Revision:
01.02.2021	AGS801	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

Advanced Arboriculture
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w: www.advancedarb.com

CAUTION



PROTECTED TREES ON SITE

- DO NOT ENTER TREE PROTECTION FENCING
- ALWAYS USE DESIGNATED STORAGE, MIXING AND PARKING AREAS
- TAKE ADDITIONAL CARE WHEN DRIVING HIGH SIDED VEHICLES
- ALWAYS USE A BANKSMAN WHEN USING HIABS, CRANES AND EXCAVATORS NEAR TREES

REPORT ANY TREE DAMAGE TO SITE MANAGER IMMEDIATELY

Notes

The poster must be put up on the site office board and in the workforce welfare facilities at the commencement of construction and must remain clearly visible for the duration of the project.

The Site Manager must enter their name and mobile telephone number in the box on the poster. In the event of any accidental damage to any trees (including rooting damage), the Site Manager must contact the Arboricultural Supervisor immediately to seek further advice.

This poster may be printed out and laminated or requested electronically as an A4 PDF or ready printed on laminated board.

Printing Instructions (A4 printing only):

- For the best results, this document should be printed using a colour laser printer and laminated.
- Open this file in Adobe Acrobat Reader or Acrobat Pro.
- Select *File > Print*.
- Choose the printer and make sure it is set to print on A4 paper.
- Under *Size Options*, choose "Actual size".
- Under *Orientation*, choose "Portrait".
- Select *Print*.

Electronic Copies:

- This document may be downloaded directly from the Advanced Arboriculture website using the following links:

A4: <http://www.advancedarb.com/download/siteposterA4.pdf>
A3: <http://www.advancedarb.com/download/siteposterA3.pdf>

These documents may only be used for projects where Advanced Arboriculture have been appointed as the arboricultural supervisors.

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Arboricultural Supervisor

(unless otherwise instructed)

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Drawing Title:

Site Office Tree Poster

Date:	Drawing Number:	Revision:
01.02.2021	AGS802	1.0
Scale:	Paper Size:	Drawn By:
n/a	A3	TH

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