



ARBORICULTURAL IMPACT ASSESSMENT, METHOD STATEMENT AND TREE PROTECTION PLAN

FOR THE SITE OF

Harrowgate Paddocks
Pit Hill Lane
Denmead
PO7 6FQ

Date – 6th January 2024

Consulting Arborist
Stefan Rose BSc (Hons), Tech Cert (ArborA), TechArborA

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1 Introduction

1.1 A planning application has been approved subject to planning conditions (SDNP/22/04809/FUL) for the 'Proposed general purpose equine building, area of hard-standing and outdoor exercise area' at the site of Harrowgate Paddocks, fields off Harrowgate Lane, Denmead, Hampshire, PO7 6FQ.

1.2 Arborsphere Ltd has been instructed to provide arboricultural information to enable the Planning Authority (South Downs National Park Authority) to consider the tree related information to discharge planning condition 8 of the approval:

Planning condition 8: No development including site clearance, demolition, ground preparation, temporary access construction/widening, material storage or construction works shall commence until an Arboricultural Method Statement, prepared in accordance with the BS5837:2012 "Trees in Relation to Design, Demolition and Construction" has been submitted to and approved in writing by the Local Planning Authority. The statement shall outline how the Pit Hill Lane Hedge Site of Importance for Nature Conservation (SINC) that is located on either side of the existing access track will be protected during the development and shall include a tree protection plan. This non-statutory designated site should be protected during the construction phase to ensure there are no storage of materials, parking of construction vehicles, etc along the access track. No development or other operations shall take place other than in complete accordance with the approved method statement.

Reason: To ensure that reasonable measures are taken to safeguard trees and hedgerows in the interests of local amenity and the enhancement of the development itself, in accordance with the National Planning Policy Framework (July 2018) and policies SD2, SD9 and SD11 of the South Downs Local Plan 2014-33.

1.3 It is understood that there are no Tree Preservation Orders (TPO) and that the site is not within a Conservation Area. There are trees within the Pit Hill Lane Hedge (SINC)- Site of Importance for Nature Conservation at the site access.

1.4 The client has supplied the following drawing:

- Location Plan Rev B 554 100
- Block Plan Rev B
- Site Layout Rev C
- Proposed Elevations & Plan Rev B
- Proposed Landscape Plan Rev A

1.5 A tree survey exercise was undertaken, and this has been the basis of the subsequent implications assessment, method statement and tree protection plan.

1.6 The assessment made on these documents broadly conforms to the recommendations of BS5837: 2012 "Trees in Relation to Design, Demolition and Construction – Recommendations".

2 Scope of Works

2.1 To attend site to undertake a tree survey in line with the recommendations of BS5837: 2012 Trees in relation to design, demolition, and construction - recommendations, appended at AS1.

2.2 To produce an Arboricultural Implications Assessment and Arboricultural Method Statement providing details on how the trees will be retained and how they will be protected.

2.3 To provide a Tree Protection Plan, drawing number Arbor.HarrowgatePad.TPP.002 (appended at AS2) based on the drawing provided at the time of producing this statement.

2.4 The statements made in this report do not take account of the effects of extreme weather, vandalism, or accident, whether physical, chemical or fire. Arborsphere Ltd cannot therefore accept any liability in connection with these factors, nor where prescribed work is not conducted in a correct and professional manner in accordance with that stated within this report or current good practice. The authority of this report ceases at any stated time limit within it, or if none stated after one year from the date of inspection/survey, when a consented planning application time limit lapses, or when there are any significant changes to the site conditions, if pruning or other works unspecified in the report are carried out to, or affecting, the subject trees, whichever is the sooner.

3 Tree Survey & RPA Schedule

3.1 The tree survey exercise was completed on the 20th of November 2023. It was an overcast, cold day with frost on the ground at the time of surveying. The survey data is the basis of the Arboricultural Implications assessment, Method Statement and Tree Protection Plan. This exercise identified one individual tree, three groups and two hedges that could potentially be affected by the development or access to the development area.

3.2 For the tree location and further information on the tree stock assessed for this planning application please refer to appendix AS1 for the tree survey schedule.

Photograph 1: Showing the existing field and paddock access off Pit Hill Lane



4 Tree Implications

4.1 As part of the assessment, dimensions have been scaled from the proposed drawings provided, modified to include the relevant Tree Survey data.

4.2 The potential for damage to the tree, groups and hedges from the proposed works comes from the removal of the existing stable blocks, the location of the proposals (the works to excavate the foundations, the requirement for working space, and transportation of materials to the areas of build, ground, utilities, and construction works to implement them. This may be in the form of direct damage where roots are cut or ripped/snapped for ground works or where the trunk and/or branches are hit by plant machine movements or snapped by contractors where branches are near the build. The trees could also be damaged through indirect causes through ground compaction of soft ground whereby the soil structure is compromised which impacts on the tree's roots and rooting environment.

4.3 Within the paddock area, hedge 1 can be adequately protected by existing post and rail fencing. Hedge 2 will require additional tree protection barriers to ensure that contractors do not impact on the hedge and its rooting area.

4.4 The exiting site access of Pit Hill Lane is well and historically established. This is offsite and is used by the landowner/ farmer and for a residential access therefore material storage is not possible and the additional delivery of materials will not impact on the trees either side of the access than the agricultural machinery that currently utilise this access.

4.5 The general equine building adjacent to H1 is understood to be a timber building and therefore can be built with premade panels moved into place and therefore removing the need to work at the rear of the building and impact on H1.

4.6 With the correct and prompt establishment of tree protection measures for H2 along with construction methods to reduce the activity to reduce the impacts on the trees will provide for minimal impacts on the tree, groups and hedges and allow for their successful retention.

5 Sequence of works

5.1 The following order of works are suggested to ensure the retained trees are not adversely impacted upon by the alterations:

- Tree protection measures erected/set up in line with this report and in the position detailed on the Tree Protection Plan Arbor.HarrowgatePad.TPP.002 (appended AS2 AND RETAINED THROUGHOUT ALL EXTERNAL SITE WORKS ASSOCIATED WITH THE PLANNING PERMISSION.
- Site preparation works.
- Groundworks and works to establish foundations.
- Works to complete external works from the damp proof course (or equivalent) and up.
- Works completed.
- Removal of all building materials, spoil, and equipment
- Removal tree protection measures (this may be able to be removed sooner subject to written approval from South Downs National Park Authority)

5.2 It is always of paramount importance to protect the retained trees on site when external works are being carried out.

6 Pre-Development Tree Works

6.1 There are no trees to be removed for the project.

6.2 There are no remedial works to the trees in relation to this planning application.

7 Tree Protection Requirements

7.1 The tree, groups and hedges will always be protected by fit for purpose tree protection measures or existing site boundary fencing during site preparation, ground and construction work as shown on the Tree Protection Plan Arbor.HarrowgatePad.TPP.002 (appended at AS2).

7.2 The ground will not be disturbed beyond the protection measures, and the protection measures will not be removed or altered without prior recommendation by an arboriculturist and approval in writing of the South Downs National Park Authority Tree Officer whilst site works are still be completed unless otherwise stated within this report. The tree protection forms the Construction Exclusion Zone (CEZ) which is off limits to contractors.

7.3 At all times the tree protection measures will be fit for purpose i.e., it will exclude all ground and construction activity from an area or protect the ground beneath.

7.4 All site operations will be planned, implemented, and supervised to prevent the following:

- Unplanned root severance within the CEZ
- Damage to the bark, branches, and trunks of retained trees.
- Compaction of the soil within the Construction Exclusion Zone
- Alterations in soil level
- Soil contamination by phytotoxic materials such as herbicides, petrol, oils, diesel, cement and concrete washings or other construction additives

7.5 The tree protection measures must be erected prior to any work commencing on site relating to the approved planning application.

7.6 It is our opinion, given the existing site that the area where a specific tree protection barrier is required is along the site side of H2 as existing post and rail fencing protects other groups and hedges or groups and hedges are offsite, and the client does not have permission to utilise the area other than for vehicular access.

7.7 The recommendations of BS5837: 2012 “Trees in Relation to Design, Demolition and Construction – Recommendations” advises that tree protection measures should be appropriate for the degree and proximity for working taking place. Given that the requirement from condition 8 states ‘that the proposed gate pier foundations will be dug by hand, and all the site works, mixing areas, storage areas, remain wholly outside any tree protection areas’, for this scheme, it is considered inappropriate that the standard tree protection measures as detailed in figure 2 of BS5837: 2012 (Heras panels on a scaffold framework) and is disproportionate to the scale of the approved works.

7.8 It is therefore considered appropriate that orange mesh netting (or similar such as chestnut pale fencing) will be secured to stout 75mm wooden posts driven into the ground at 5.0m spacing with a post height of no less than 1.0m above ground. The mesh netting must be taught and not loose before being secured to each post. This will provide a clear and obvious area of operation for contractors and protect the soft ground by the side of the existing hedge.

7.9 Whilst it is our view that no additional protection measures are required at the access point of Pit Hill Lane for the reasons stated in section 10 below. Should the Council be minded not to agree, then it is our view that the barriers as detailed in this section could be setup either side of the access track subject to third party written agreement.

7.9 As stated in section 13 below, at no time will ground levels be altered within the protected root protection areas of trees, groups or hedges unless otherwise stated within this report.

7.10 Contractors will be made aware by the client that the barrier/fencing and ground protection is located to restrict their movements and that the area beyond them is sacrosanct (and only accessible for the homeowners) to avoid unnecessary damage to trees, their roots, and the rooting environment.

8 Existing Services and Utilities

8.1 It is understood that water serves the paddocks.

9 Avoiding Damage to Trunks and Branches

9.1 Care shall be taken when planning site operations, to ensure that wide or tall loads, or plant with booms, jibs and counterweights can work without encountering retained trees, with deliveries to the site frontage and the movement of any materials or construction of the extension and alterations. Such contact could result in serious damage to them and might make their safe retention impossible.

9.2 Consequently, any transit, traverse of plant or delivery of materials with booms and lifts near trees, will be conducted under the supervision of a banksman, to ensure adequate clearance from trees is always maintained.

10 Vehicle, Plant Machinery Movements, Material Delivery and Storage

10.1 Plant and vehicles will make use of the existing site access and track off Pit Hill Lane that leads to the paddocks, this area is offsite and not owned by the client but provides for agreed access to the paddocks.

10.2 Plant machinery and contractor vehicles used for the project will be kept in the paddock area and only use the access track for arrival and leaving purposes.

10.3 It is expected that all deliveries shall make use of the existing track entrance of Pit Hill Lane with the size of the vehicle naturally limited in size by the public road network surrounding the area. The existing track has been historically created for farm operation access and is in regular use that includes residential vehicles, horse boxes etc to the paddock area and the various plant machinery operated by the farm itself.

10.4 Material storage will be accommodated outside of the soft ground in the root protection areas, particularly to avoid harmful spillages of fuel, or phytotoxic substances that may damage the health

of retained trees. Material storage can only occur on land owned by the client which is within the paddock area itself.

10.5 At no time will any material associated with the works be stored offsite adjacent to the track or Pit Hill Lane as this is privately owned land. The immediate area off Pit Hill Lane is formed by compacted ground for vehicular use with surrounding land not readily usable for material storage as access is always required by the farmer/landowner and the resident.

10.6 The track leading up to the paddock area is a well-established track that is set within the land, either side of the track is effectively raised up and is not conducive to vehicles leaving the track. Once on the track, vehicles can only go forwards to the paddock or reverse back down the track (until such time as the new turning area at the paddocks has been made).

10.7 Figure 1 below shows the existing, established access with third party vehicles using the immediate area and demonstrates that this area does not need any additional tree protection measures as the area is not available for use by the client other than for the agreed access, which will not cause any additional harm to the trees either side of the track.

Figure 1: Google Street view showing the existing access off Pit Hill Lane



11 Utility and Drainage Service Connections

11.1 Arborphere Ltd have not been informed of any new service to be installed.

12 General Site Requirements to Protect Trees

12.1 As a general note for the requirements to protect the trees, contractors and sub-contractors will be made aware of their duty towards the trees prior to commencing work; this will be achieved by a toolbox talk by the site manager, the client or the retained arboricultural consultant and a signed record of such completed and kept on file.

12.2 There will be no storage of chemicals or materials and mixing of materials within the protected soft ground rooting area of retained trees as set out by the tree protection barriers.

12.3 All chemical, material storage and mixing will be located on site to account for the topography of the site and therefore avoid any runoff that will damage the soil structure and roots. In this instance, materials will be delivered and stored on the existing hard surfaced driveway.

12.4 Fires shall not be lit where flames will be within 5m of any retained canopy edge.

12.5 If there is any reason for amendments to the tree protective barrier design or location, the retained arboricultural expert will be consulted and advised accordingly. Approval will be required from the South Downs National Park Authority's Tree Officer prior to the amending of the tree protection as detailed on the Tree Protection Plan Arbor.HarrowgatePad.TPP.002.

12.6 Should the tree protection measures become damaged or becomes unfit for purpose, all works within 3m from the defective tree protective barrier/ground protection will immediately cease until the defect has been remedied and the tree protection is again fit for purpose.

12.7 Should any damage be caused to a tree noted for retention, either by the construction works, associated activity or as the result of any other action during the works related to this planning application, the damage should be reported to the site supervisor immediately.

12.8 The site supervisor shall immediately report up the chain of responsibility to the retained consultant arboriculturist, or in the absence of such an appointment, to an appropriately qualified arboriculturist, to enable remedial measures to be implemented as necessary and as agreed with South Downs National Park Authority's Tree Officer.

12.9 In order to inform site personnel of the purpose of the barriers, information notices shall be fixed to the barriers at 5m intervals. These notices shall be of all-weather construction and shall be substantially in the form of the specimen provided at appendix AS3 and replaced as and when necessary.

13 Ground Level Alterations

13.1 There will be no ground level changes within the protected areas formed by the tree protection measures.

14 Report Damage to Trees and Tree Protection Barriers

14.1 Should any damage be caused to trees noted for retention, either by the above works or as the result of any other action related to the site works to implement the planning application, the damage should be reported to the site supervisor immediately. The site supervisor shall report up the chain of responsibility to the retained consultant arboriculturist, or in the absence of such an appointment, to an appropriately qualified arboriculturist, to enable remedial measures to be implemented as necessary and as agreed with the South Downs National Park Authority's Tree Officer.

14.2 Should protective barriers become damaged to impair its function in protecting the trees and their rooting environment, all work shall cease near the damage, until the barrier has been returned to standard.

15 Removal of Protective Barriers

15.1 When the ground and external construction phases are complete, and all site machinery has been removed from site the tree protection measures will be dismantled and removed from site.

15.2 This barrier dismantling must be undertaken with great care to avoid heavy machinery being used within the root protection areas.

AS1



BS5837:2012 Tree Survey
Trees in relation to design, demolition and construction
– Recommendations
Harrowgate Paddocks, Pit Hill Lane, Denmead, PO7 6FQ

Date – 2nd December 2023

Consulting Arborist
Stefan Rose BSc (Hons), Tech Cert (ArborA), TechArborA

TREE SURVEY NOTES



This Tree Survey has been undertaken within the recommendations of British Standards 5837:2012 and current arboricultural best practice. Clients are advised that Tree Surveys are a basic data collection exercise and record of tree condition at the time of survey and should not be confused with a Tree Inspection.

The Tree Survey will identify any visible signs of ill-health or major defects, advising a further detailed investigation where appropriate. This will most often take the form of a request for either “full ground level inspection” or “climbing inspection required”. There may also be a further reference to the need for “decay detection equipment” to aid diagnosis. A tree survey does not include a comprehensive schedule or specification of remedial tree works, but may contain a guide to the work which might be undertaken by a prudent tree owner, purely for reasons of health and safety.

Each tree has been numbered and, where instructed, for future identification on site, they have been tagged using small durable metal or plastic tags.

- Due to variations of existing ground levels through the site, height dimensions are estimated and are given in metres. Accurate heights, measured with the aid of optical instruments can be provided where instructed.
- Trunk/stem diameters are measured in mm at 1.5 metres above ground level, using a standard measuring tape as defined by British Standards, unless otherwise stated.
- Estimated branch spread is taken in metres from the centre of the trunk, at the four cardinal points of a compass, to achieve an accurate representation of the crown shape which will be recorded on the tree survey plan.
- An assessment of a tree’s life stage classification is made in terms of its maturity within the site’s landscape and defined as:
 - Y = young trees, trees that are pre-sexual maturity and high in vitality
 - SM = semi-mature trees, trees that are juvenile and within the first $\frac{1}{3}$ rd of life expectancy of an average tree for any given species
 - EM = early mature trees, trees that are perhaps within in $\frac{1}{3}$ rd and $\frac{2}{3}$ rd of life expectancy of an average tree for any given species
 - M = mature trees, trees that have reached peak height and reproduction capacity and perhaps in the last $\frac{1}{3}$ rd of life expectancy of an average tree for any given species
 - OM = Over-mature trees, trees showing signs of retrenchment in the crown

- An assessment of a tree's physiological condition is defined as:

Good = fully functioning biological system showing average vitality i.e. normal bud growth, leaf size, crown density and wound closure
Fair = fully functioning biological system showing below average vitality i.e. reduced bud growth, smaller leaf size, lower crown density and reduced wound closure
Poor = a biological system with limited functionality showing significantly below average vitality i.e. limited bud growth, small and chlorotic leaves, low crown density and limited wound closure
Dead = No obvious signs of outward living parts

- An assessment of a tree's structural condition is defined as:

Good = no significant structural defects
Fair = structural defects which could be alleviated through remedial tree surgery or management practices
Poor = structural defects which cannot be alleviated through tree surgery or management practices
Dead = No obvious signs of outward living parts

- An assessment of a tree's future estimated remaining contribution is defined as: <10, 10+, 20+ or 40+ years.

Categorisation of Trees

The category for each tree is assessed using the advice of Table 1 within BS5837:2012 Trees in relation to design, demolition and construction - Recommendations. The assessment has not considered any site-specific development proposals, but will have considered any changes on or off-site which may have an effect on the conditions surrounding the surveyed trees.

The trees have been classified into one of the following categories (and one or more sub-categories [these sub categories will however not increase the value of the tree]) and are indicated on the associated drawings by colours as indicated.

Category U				Identification colour on plan
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	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			DARK RED
Category A	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
Trees of high quality with an estimated remaining 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 of 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)	LIGHT GREEN
Category B	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
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 down-graded because of impaired condition (e.g. presence of significant through 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 the wider locality	Trees with material conservation value or other cultural value	MID BLUE
Category C	1 – Mainly arboricultural values	2 – Mainly landscape values	3 – Mainly cultural values	Identification colour on plan
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 very limited merit or such 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	GREY



BS5837: 2012 TREE SURVEY REPORT

Site:	Harrowgate Paddocks, Pit Hill Lane, Denmead, PO7 6FQ
Date:	2 nd December 2023
Consultant:	Stefan Rose BSc (Hons), TechCert (Arbor.A), TechArborA
Tagged:	No

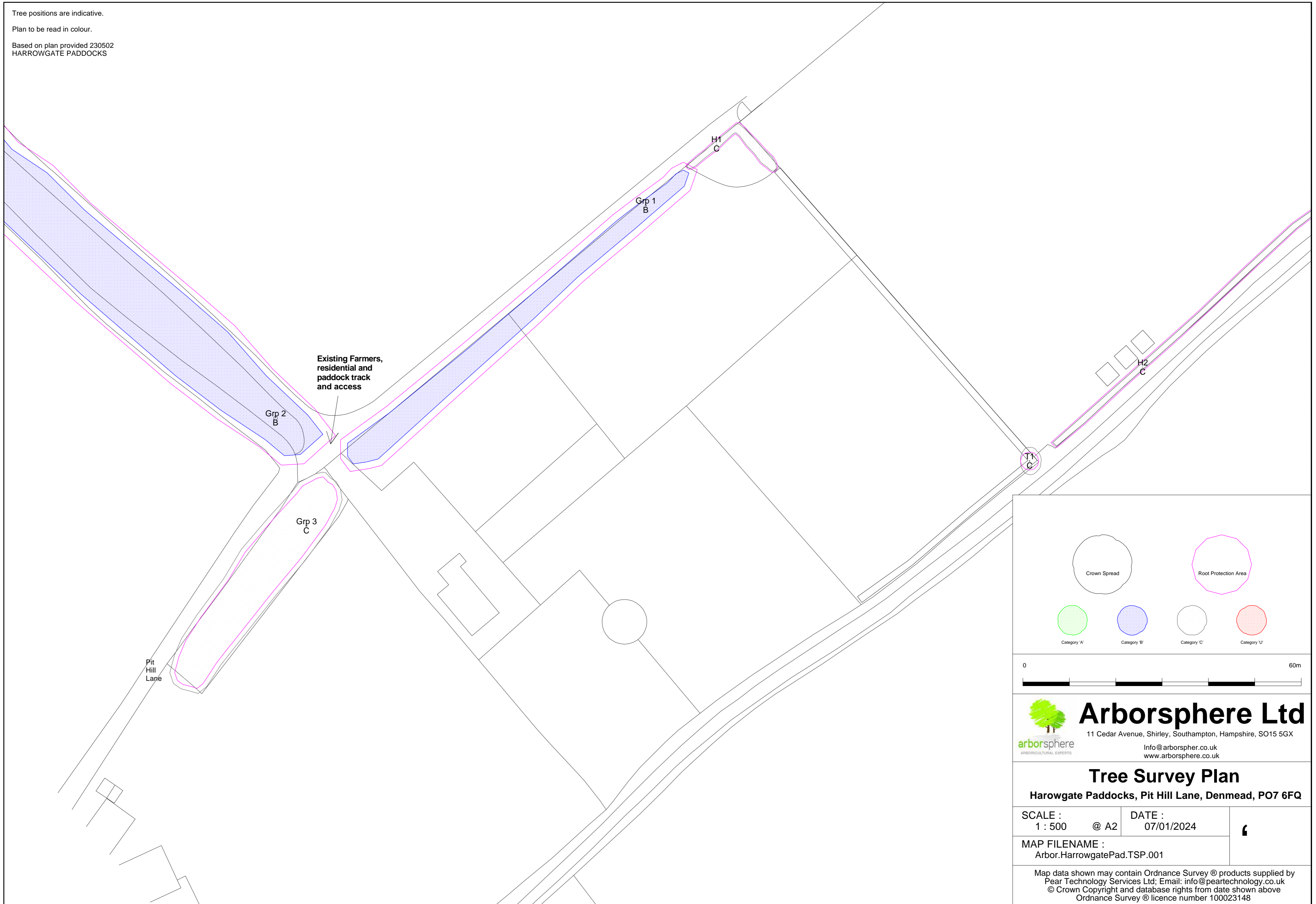
- Notes:
1. It may be advised that some trees should have the ivy removed to enable a re-survey to be carried out. This would also alleviate the tree from becoming suppressed; carrying additional weight that increases the chance of windthrow due to a larger dense crown area; and only receiving restricted light. Unless otherwise stated, in order to prevent regrowth, it is only necessary to remove a 300mm section of ivy and clear around the base.
 2. It may be advised that it was only possible to estimate the diameter of some trees because of ivy smothering, dense vegetation, or trees located off-site with no access.
 3. The estimated remaining contribution in years, and the tree grading category have been calculated for the current situation and may alter where further investigation works are advised.
 4. Some trees or groups may have been given an interim grade. The reason for the interim grading is addressed in the timescales given as this may have a bearing on health and safety and/or any development proposals.
 5. Tree Groups have been assessed with estimated and representative data.
 6. This is not a Tree Works Schedule. Any preliminary management recommendations are listed in the interests of health and safety and should be carried out by a prudent tree owner.
 7. Any management recommendations are suggested for reasons of health and safety only, regardless of development proposals at this stage. However, the defects requiring remedial tree surgery are by their very nature potential wildlife habitats, including protected species which needs consideration prior to any tree surgery works commencing.
 8. The data collected and any advice provided within this report is supplied in the interests of sound arboricultural management. Trees are a living dynamic organism that can be affected by external conditions (high winds, storms, snow, heavy rain or drought) and may occasionally fail without warning. It is therefore not possible to state with any certainty that any tree or group of trees is completely safe. The condition of a tree or group of trees can change rapidly as a result of external factors; we would advise that the occupier/ owners inspect the trees at least every 12 months or following periods of extreme weather and where concerns are raised relating to tree health that would be considered beyond the knowledge of a layperson, further arboricultural advice should be sought.

TREE PRESERVATION ORDER/CONSERVATION AREA:
 The Winchester City Council online planning facility indicates that there are no Tree Preservation Orders or Conservation Areas that provide legal protect to the trees on site. Group 2 and 3 are within the Pit Hill Lane Hedge SINC. Online information is provided for guidance, and it is the responsibility of the tree owner, client and contractor to check and confirm prior to starting any tree works that may need consent from the Council and only proceed once written consent has been received.

Tree No	Species	H't (m)	Single/ Multi-Stemmed (S or MS)	Stem Diam (mm)	Root Protection Area (m2)	Root Protection Distance (m)	Branch Spread (m)	H't of Crown AGL (m)	Life Stage	Physio-logical Condition	Structural Condition and General Observations	Preliminary Management Recommendations	Est. Rem. Contrib. (Yrs)	Cat
1	Field Maple Acer campestre	6	S	160	11.6	1.9	N 3.0 E 2.5 S 3.0 W 2.0	N 1.5 E 2.0 S 3.0 W 4.0	Semi Mature	Good	Fair Offsite Trunk and crown shape distorted due to group pressure Unable to verify health and safety due to access	None required at time of survey	20+	C1+2
Grp 1	Silver Birch	7	MS	285	36.8	3.4	N - E - S - W -	N - E - S - W -	Semi Mature	Good	Fair Offsite Grows approximately 1m beyond boundary fence Unable to verify health and safety due to access	None required at time of survey	20+	B1+2
Grp 2	Common Ash Common Hazel Pedunculate Oak	15	S	800	289.6	9.6	N - E - S - W -	N - E - S - W -	Mature	Good	Fair Offsite Field boundary group growing along road and edge of existing field access Some multi stemmed at ground level Ash nearest to track has cavity at base Unable to verify health and safety due to access	Inform owner of duty of care	20+	B1+2
Grp 3	Field Maple Common Hazel Common Holly Common Ash	9	S	300	40.7	3.6	N - E - S - W -	N - E - S - W -	Semi Mature	Good	Fair Offsite Trunk and crown shape distorted due to group pressure Low hanging branches Unable to verify health and safety due to access	None required at time of survey	20+	C1+2
H1	Common beech Common Holly Hawthorn Field Maple Silver Birch Rowan	5	S	90	3.7	1.1	N - E - S - W -	N - E - S - W -	Semi Mature	Good	Fair Offsite Grows along boundary Some trees multi stemmed at ground level Trunk and crown shapes distorted due to group pressure Unable to verify health and safety due to access	None required at time of survey	20+	C1+2

H2	Common Hawthorn	1.5	S	90	3.7	1.1	N - E - S - W -	N - E - S - W -	Semi Mature	Good	Fair Road and field boundary hedge well maintained Sporadic in places Unable to verify health and safety due to access	None required at time of survey	20+	C1+2
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Tree positions are indicative.
 Plan to be read in colour.
 Based on plan provided 230502
 HARROWGATE PADDOCKS



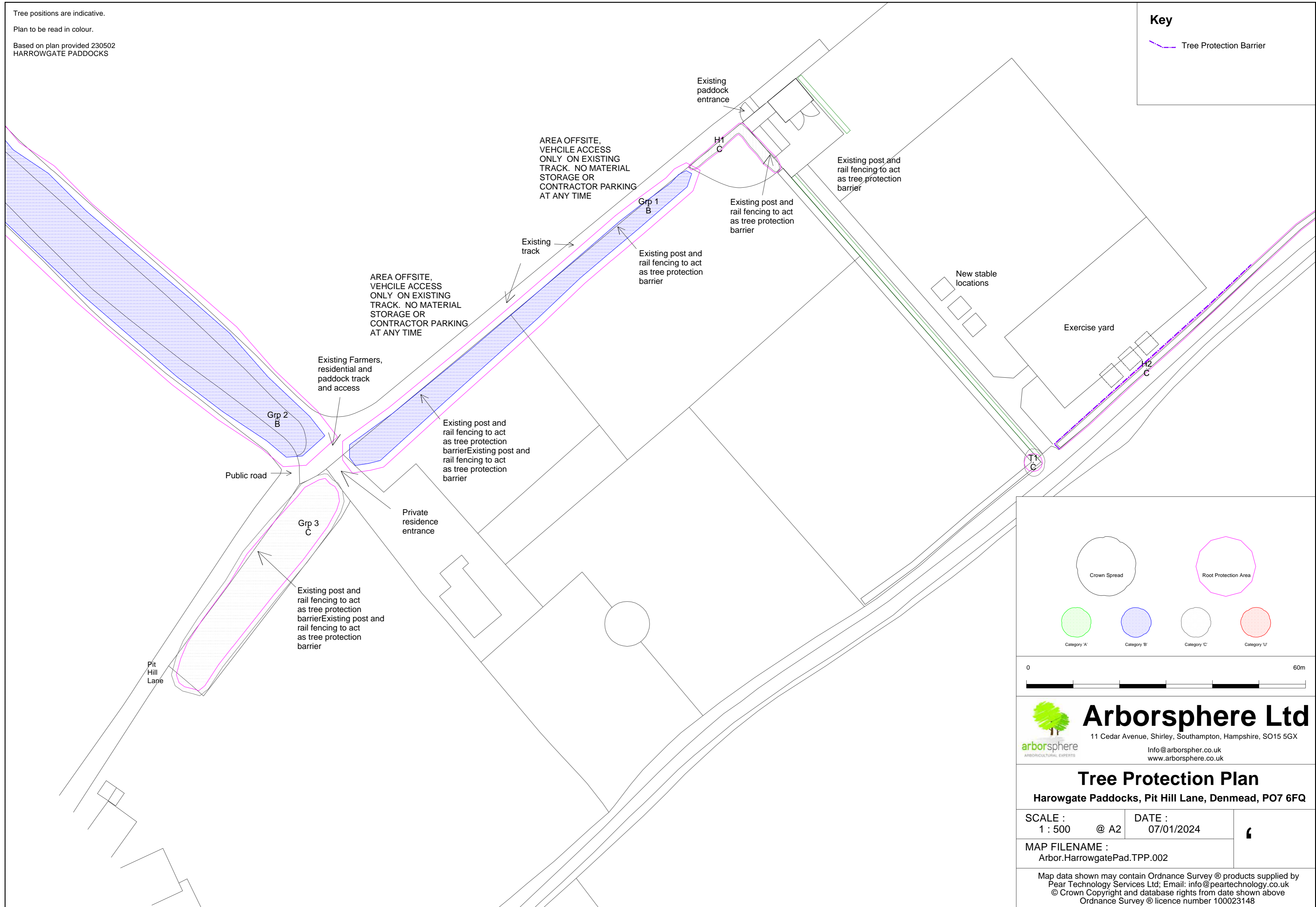
<p>Arborsphere Ltd 11 Cedar Avenue, Shirley, Southampton, Hampshire, SO15 5GX Info@arborspher.co.uk www.arborsphere.co.uk</p>	
<p>Tree Survey Plan Harrowgate Paddocks, Pit Hill Lane, Denmead, PO7 6FQ</p>	
<p>SCALE : 1 : 500 @ A2</p>	<p>DATE : 07/01/2024</p>
<p>MAP FILENAME : Arbor.HarrowgatePad.TSP.001</p>	
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AS2

Tree positions are indicative.
 Plan to be read in colour.
 Based on plan provided 230502
 HARROWGATE PADDOCKS

Key

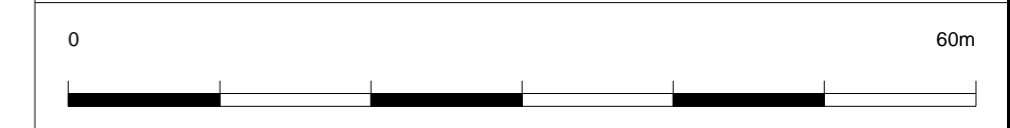
Tree Protection Barrier



Crown Spread

Root Protection Area

Category 'A' Category 'B' Category 'C' Category 'U'



Arborsphere Ltd
 11 Cedar Avenue, Shirley, Southampton, Hampshire, SO15 5GX
 Info@arborspher.co.uk
 www.arborsphere.co.uk

Tree Protection Plan
Harrowgate Paddocks, Pit Hill Lane, Denmead, PO7 6FQ

SCALE : 1 : 500 @ A2	DATE : 07/01/2024	📄
MAP FILENAME : Arbor.HarrowgatePad.TPP.002		

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AS3



PROTECTIVE FENCING. THIS FENCING MUST BE MAINTAINED IN ACCORDANCE WITH THE APPROVED PLANS AND DRAWINGS FOR THIS DEVELOPMENT.



**TREE PROTECTION AREA
KEEP OUT !**

(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

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Mr Stefan Rose
Arboricultural Consultant of Arborsphere Ltd
Bsc (Hons), Tech Cert (Arbor.A), TechArborA



Stefan Rose is an Arboricultural Consultant based in Hampshire and Director of Arborsphere Ltd. He holds the following qualifications relevant to arboriculture:

- Technicians Certificate in Arboriculture (Arboricultural Association)
- Professional Tree Inspection Certificate (Lantra Awards Ltd)
- Tree Surgery for Craftsmen (City and Guilds)

Professional Memberships:

- Technical member of the Arboricultural Association
- Member of the Royal Forestry Society

Stefan started Arborsphere Ltd in December 2011 and has been running the consultancy practice successfully for 12 years now with over 25yrs within the arboricultural industry, working with many clients across the South of England carrying out a range of arboricultural services from development site tree surveys and site supervision to health and safety tree inspections.

Prior to starting his own company, he was working as a Senior Consultant for CBA Trees based in Hampshire from 1998 to 2011 assessing a wide range of arboricultural issues for projects across the UK and maintains a directorate level of working with them currently. The focus related to carrying out tree surveys in accordance with the recommendations within BS5837:2012, looking at and advising on development sites in preparation for planning as well as the extensive involvement with major projects carrying out site monitoring and providing on going arboricultural advice. Work for smaller/private client was also an important part of his work enabling them to extend and improve homes in close proximity to trees.

Within his time at CBA Trees Stefan also undertook work as a locum Tree Officer for Eastleigh Borough Council, Fareham Borough Council, Havant Borough Council, Southampton City Council, Rushmoor Borough Council and most recently Hart District Council where he undertook the task of reviewing the status of Tree Preservation Orders, assessing tree work and planning applications. This provided him with a wide range of experience in respect of trees, the law and planning issues surrounding trees.

Stefan trained whilst in the position of Tree Surveyor with CBA Trees at both Merrist Wood (1998 and 2001 – 2002) and with Tree Life Training to continue this professional development. He holds the Professional Tree Inspectors Certificate.

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