

Report

Biodiversity Net Gain Assessment

Detailed Application (Eastern Site)

Lanwades Woodland Park

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Scientific survey data will be shared with local biological records centre in accordance with the Chartered Institute of Ecology and Environmental Management (CIEEM) professional code of conduct.

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Ecology reports are considered valid for 12 to 36 months after the survey date(s) depending on survey type and findings. Should the development not commence within the validity period, the survey(s) should be repeated, and the report updated.



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1 Introduction

1.1 Purpose

This Biodiversity Net Gain (BNG) report has been prepared by Sweco for Lochailort Investments Ltd, and relates to the proposed development, hereafter referred to as 'the Project', of the former Animal Health Trust Research Centre, Kentford, CB8 7UA, hereafter referred to as 'the Project Site', for which detailed planning permission will be sought.

A UK habitat classification system (UKHab) survey and associated condition assessment was undertaken for the site on 04 and 05 April 2024 and the findings are presented in the Ecological Impact Assessment (EcIA) [1].

The purpose of this report is to:

- Provide baseline ecological conditions at the site.
- Provide information to determine whether the project accords with relevant nature conservation policies and legislation and, where appropriate, to allow conditions or obligations to be proposed by the relevant authority.
- Detail the results of the biodiversity metric calculations to demonstrate whether the site will result in the target 10% net gain for biodiversity.
- Outline aims and objectives of agreed ecological enhancement and habitat creation to achieve biodiversity net gain as a result of the proposed development.

The process follows the mitigation hierarchy, which sets out that everything possible must be done to firstly avoid, secondly minimise and thirdly restore / rehabilitate losses of biodiversity on site. If not possible and only as a last resort, residual losses are compensated for using offsite habitat enhancement or creation.

1.2 Project Site Description

The Application Site has been split into two separate parts, the Project Site (red line) which envelopes 16.54 ha, and the wider ownership area (blue line) which envelopes 48.55 ha, as shown in Figure 1.1 below. For the purpose of this report, only areas within the red line boundary will be considered.

The separate outline application for the wider ownership area (blue line) is addressed in the Sweco Environmental Statement (ES) Chapter – Biodiversity [2].

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Figure 1.1. Indicative red line boundary of the Project site (Detailed Element of Hybrid Application) and blue line boundary of the wider ownership area.

Map data from Google 2025. Bluesky, CNES / Airbus, Getmapping plc, Infoterra ltd & Bluesky, Maxar Technologies.

The Project Site occupies an area of approximately 16.54 ha and is located around national grid reference TL 69792 66288, to the west of Kentford.

Habitats on-site include modified grassland, scattered trees, lowland beech and yew mixed woodland, broadleaved mixed and yew woodland, other native hedgerows, introduced shrub, hardstanding and buildings.

The site is surrounded by predominantly arable land with woodland strips and hedgerow boundaries, with the residential town of Kentford to the east.

1.3 Proposed Development

The Project consists of demolition of existing buildings on site, and phased redevelopment to provide residential units alongside a retail/commercial building (Use Class E), conversion of the existing listed stable block to community/ commercial use (Use Class F2/ E), provision of open space, play space, and associated infrastructure and car parking, as shown on Woods Hardwick drawing 19400/1009-G.

The construction phase will comprise of the following:

• Clearance of grassland habitats on site.



- Demolition of existing buildings.
- Conversion of the existing listed stable block.
- Retention and protection of woodland blocks and some hedgerows.

The operational phase will comprise the following:

- Residential homes and associated car park and private gardens.
- Community hub, shops and associated infrastructure.
- Green infrastructure comprising sustainable drainage systems (SuDS), play area including Neighbourhood Equipped Area for Play (NEAP) and Multi-Use Games Area (MUGA) facilities
- Semi-natural areas comprising additional hedgerows and trees, ornamental planting, shrubs, amenity and meadow grasslands.



2 Legislation and Policy Context

2.1 Current UK Legislation

The main pieces of legislation relating to BNG within England are:

The Environment Act 2021

According to the Act, if activities are carried out on a specific site on or after 30 January 2020, which result in a lower biodiversity value than otherwise would have been achieved (e.g. site clearance), then the biodiversity value should be calculated based on the value of the site prior to the activity commencing.

The reader is referred to the original legislation for definitive interpretation.

2.2 Planning Policy

The recommendations of this report are in line with the key principles of the National Planning Policy Framework [3] and Government Circular 06/05 [4].

Local planning policies relating to ecology are invariably based on the conservation of species protected under the above legislation, including species and habitats of principal importance listed under Section 41 of the NERC Act 2006; and the protection of designated sites. All of these features are considered within the scope of this ecological impact assessment and therefore any recommendations made herein are likely to be in line with this policy.

2.2.1 Suffolk Local Biodiversity Action Plan

The Suffolk Local Biodiversity Action Plan [5], developed by the Suffolk Biodiversity Partnership, sets out eight strategic actions to guide and assess county wide policy and strategic plans, monitoring of planning applications, and share information through seminars and training sessions. Following the publication of the UK Post-2010 Biodiversity Framework (2012), the UK BAP has been replaced by priority habitats and species; a full list of priority habitats and species for Suffolk has been published for consideration for conservation and enhancement at the local level [6].

2.2.2 <u>West Suffolk Local Plan – Draft</u>

The Emerging West Suffolk Local Plan [7] is currently under review and is expected to supersede the current legislation once adopted.

Paragraph 4.2.35 of the West Suffolk Local Plan Submission Draft (Regulation 19) 2024 states that "Development proposals should seek to conserve and enhance the biodiversity and geological interests of the area and in particular ensure that protected species and habitats including those of principal importance in the UK and locally (priority habitats and species) will be protected and, where possible, enhanced".

West Suffolk Council has merged with the former Forest Heath District Council and St Edmundsbury Council (FHDC). As such the adopted Local Plan comprises:

- Forest Heath Core Strategy (2010).
- Site Allocations Local Plan (2019).



Joint Development Management Policies (2015).

Policy CS 2 of the former FHDC Core Strategy addresses the natural environment and states that "Areas of landscape, biodiversity and geodiversity interest and local distinctiveness within the District will be protected from harm and their restoration, enhancement and expansion will be encouraged and sought through a variety of measures".

Policies DM10, 11, 12, 13 and 14 of the Joint Development Management Policies (2015) address the natural environment and protected species, with paragraph 4.1 stating "Development proposals should seek to conserve or enhance the biodiversity and geological interests of the area and in particular ensure that protected species and habitats including those set out in UK and local Biodiversity Action Plans (BAPs) will be protected and, where possible, enhanced".



3 Methods

3.1 Technical Approach

This assessment has been produced following the CIEEM guidelines for BNG [8]. As such, the work required has been carried out in accordance with the key principles of the National Planning Policy Framework [3] and Government Circular 05/06 [4]. Common names and binomial scientific names of plant species identified are as they appear in Stace [9].

Any provision of biodiversity net gain should demonstrate compliance with the Good Practice Principles for Development [10], including the mitigation hierarchy.

The conclusions and recommendations are in accordance with current legislation and guidance.

3.2 Personnel

All surveyors used to establish baseline information have been trained or were supervised by experienced surveyors with extensive knowledge in the particular survey being undertaken. Surveyor names and qualifications are stated under each survey heading below.

This report was produced by Charlotte Hoskyns BSc (Hons) Graduate Ecologist and Elliott Burns BSc MSc, Senior Ecologist. This report was reviewed by Milly Brinsford BSc (Hons) Senior Ecologist and approved by Richard Webber-Salmon BSc (Hons) MCIEEM who has over 11 years' experience in ecological consultancy and production of ecological impact assessments.

3.3 UK Habitat Classification Survey

A UKHab of the site was undertaken on 04 and 05 April 2024 by Sophie Barrell, Senior Ecologist, MEcol (Hons) MCIEEM FISC level 4. Weather conditions at the time of the survey ranged from overcast with intermittent rain showers to clear, sunny and breezy, with an ambient temperature of approximately 10 to 14°C.

A list of plant species was compiled in accordance with methodology required to establish UK habitat classification types [11] up to level 4. Level 5 was recorded wherever possible, with care to accurately record all habitats of priority importance (if present). Secondary codes were added to polygons where deemed appropriate, taking special care to map mandatory codes for habitat mosaic, complex and origin. Survey was undertaken at the fine scale minimum mapping unit (MMU) of 25 m² (polygons) and 1 m width / 5 m long (lines). Key ecological features below the MMU in either area or length were mapped as points.

Habitats were classified and assessed in terms of their conservation importance. The habitat classification highlights the habitat distinctiveness and whether they reach the criteria for a priority habitat.

These habitats were also assessed using the Statutory Biodiversity Metric condition assessments to determine whether they are in poor, moderate or good condition [12].



Whilst April is generally considered slightly early for grassland identification under UKHab, habitats categorised were verified as correct during follow on surveys conducted throughout the survey season of 2024 when completing phase 2 ecology surveys [1].

3.4 Biodiversity Metric Calculations

The Statutory Biodiversity Metric (hereafter the 'Metric') was used to calculate whether the site will achieve a 10% biodiversity net gain. This was completed following the guidance within the Metric user guide [13].

The information entered into the Metric calculator comprised:

- Broad Habitat.
- Habitat Type (used to determine Distinctiveness).
- Area (ha) OR Length (km).
- Condition (N/A, Poor, Moderate, Good).
- Strategic Significance (whether the location is within the local plan (e.g. within a Biodiversity Opportunity Area) or not).

This data then provided a calculation of the Biodiversity Units (BU) for each habitat parcel which when summed gives the total BU of the site as a whole. The formula is set out below:

Baseline Biodiversity Unit = (Area x Distinctiveness x Condition) x (Strategic Significance)

The site baseline was taken to be the habitat types, areas and conditions on site during the UKHab survey and condition assessment undertaken on 04 and 05 April 2024 as described above.

Individual trees are recorded in the Metric in addition to the habitat underneath their canopy. The areas of individual trees have been calculated using the Tree Helper within the Metric.

The Metric is divided into three sections: area-based habitats, hedgerow linear habitats, and watercourse linear features. The overall biodiversity score of the project is taken as the lowest-scoring change of these different habitat groups. There are no watercourses within the development boundary nor are any expected to be impacted by the works in the immediate surroundings and as such, watercourses do not feature within the BNG calculations for this site.

A review of publicly available aerial imagery was undertaken to ensure that site condition appear similar to those after the 30 January 2020.

The habitats to be retained, created and/or enhanced were taken to be the proposed habitats as shown on Woods Hardwick drawing 19400/1009-E and Kirsten Bowden drawings 2025_01_20_Landwades_Landscape Proposals_002_RevB to 2025_01_20_Landwades_Landscape Proposals_007_RevB (see Drawings section). These habitats were also assessed using the Metric condition assessments to determine whether they will reach poor, moderate or good condition post development [12].



3.4.1 <u>Strategic Significance</u>

To establish the site's strategic significance a search of West Suffolk Council's website [14] was undertaken to assess whether a Local Nature Recovery Strategy for Kentford is available. The Multi-Agency Geographic Information for the Countryside (MAGIC) [15] was also used to look at the location of priority habitats on or adjacent to the site and the data search returned by Suffolk Biodiversity Information Services (SBIS) as part of the Preliminary Ecological Appraisal Report, was reviewed for information on statutory or non-statutory designated sites on or adjacent to the site. A combination of all of the above sources was used to ascertain whether the site is likely to be within the future local strategy for habitat creation.

3.5 Limitations

Unless stated specifically, drawings and plans are indicative only. As such, the position of features marked on the plans or drawings should not be taken as 100% accurate



4 Biodiversity Metric Calculations

Full details of the calculations are provided in the Metric issued with this report (Sweco document reference: 65210959-SWE-XX-XX-C-J-0001-C02). Baseline habitats are presented within Sweco drawing 65210959-SWE-XX-XX-D-J-0011 (see Drawings).

4.1 Strategic Significance

A Local Nature Recovery Strategy is yet to be developed for West Suffolk council. The site location was determined to be not in an area of the strategic significance and was classified within the category of 'area/compensation not in local strategy/no local strategy'. This was based on searches within the Emerging West Suffolk Local Plan [7], West Suffolk Council's interactive map [14] which did not include the site within a local strategy and a MAGIC [15], which showed no priority habitats on or adjacent to the site.

4.2 Baseline Biodiversity Value

A review of aerial imagery on Google Earth indicated that the site has been in a similar management regime since 31 January 2020.

Table 4.1 and Table 4.2 summarise the baseline area and hedgerow linear habitats present on site respectively, with their assessed conditions and BU. Full condition assessments results, within the condition assessment tables taken directly from the Metric [12], for each baseline habitat are presented in Appendix A with the exception of the habitats for which condition assessments are not applicable.

Table 4.1. Summary of the Baseline Area Habitats

UKHab Classification	BNG Habitat Type	Condition	Biodiversity Units
Modified Grassland (g4)	Grassland – modified	Poor	9.96
	grassland	Moderate	0.12
		Good	19.62
Modified grassland with	Grassland – modified	Poor	2.74
scattered trees (g4 32)	grassland	Moderate	0.08
		Good	1.02
Introduced shrub	Introduced shrub	NA	0.08
Developed land, sealed surface	Developed land, sealed surface	NA	0.00
Artificial unvegetated, unsealed surface	Artificial unvegetated, unsealed surface	NA	0.00
Broadleaved, mixed and yew woodland	Woodland – other woodland; mixed	Poor	1.56
Lowland beech and yew woodland	Woodland – lowland beech and yew woodland	Poor	15.72
	Urban – Urban tree	Poor	4.58



UKHab Classification	BNG Habitat Type	Condition	Biodiversity Units		
Modified grassland with scattered trees (g4 32)		Moderate	2.87		
Lowland beech and yew woodland	Urban – Urban tree – Irreplaceable Habitat	Moderate	N/A – Bespoke Compensation Required		

Table 4.2. Summary of the Baseline Linear Habitats

UKHab Classification	BNG Habitat Type	Condition	Biodiversity Units		
Non-native hedgerow with trees (h2b)	Non-native and ornamental hedgerow	Poor	0.49		
Non-native hedgerow (h2b)	row (h2b) Non-native and ornamental hedgerow		0.13		

A review of the Hayden's Arboricultural Consultants Ltd Tree Survey and Arboricultural Impact Assessment [16] confirmed the absence of ancient individual trees and veteran trees (under the arboricultural definition) onsite. However, numerous trees recorded within the onsite woodland blocks are considered to meet the definition of veteran trees detailed within The Biodiversity Gain Requirements (Irreplaceable Habitat) Regulations 2024, which includes trees that exhibit one or more of the following:

- significant decay features such as deadwood, hollowing or signs of advanced decay in the trunk or major limbs
- a large girth, depending on and relative to species, site and management history
- a high value for nature, especially in hosting rare or specialist fungi, lichens and deadwood invertebrates

Of these numerous veteran trees onsite, the tree T330 is situated in close proximity to the development and exhibits a large decaying trunk feature with potential to provide high value habitat for nature. Therefore, tree T330 is considered to comprise irreplaceable habitat.

The Site's baseline biodiversity is 58.34 BU for area habitats and 0.62 BU for linear habitats.

4.3 Post-development Biodiversity Value

4.3.1 <u>Habitats to be Retained and Enhanced</u>

As shown on Woods Hardwick drawing 19400/1009-E and Kirsten Bowden drawings 2025_01_20_Landwades_Landscape Proposals_002_RevB to



2025_01_20_Landwades_Landscape Proposals_007_RevB (see Drawings section), efforts have been made to retain and enhance some of the onsite habitats. Details of these areas are provided below:

- A total of 1.53 ha of modified grassland in poor condition will be retained, equating to 3.07 BU.
- A total of 0.001 ha of modified grassland in moderate condition will be retained, equating to 0.01 BU.
- A total of 0.20 ha of modified grassland in good condition will be retained, equating to 1.21 BU.
- A total of 1.14 ha of urban tree in poor condition will be retained, equating to 4.58 BU.
- A total of 0.36 ha of urban tree in moderate condition will be retained, equating to 2.87 BU.
- A total of 0.329 ha of other woodland, mixed in poor condition will be retained and enhanced to moderate condition, delivering 1.59 BU.
- A total of 2.32 ha of lowland beech and yew woodland in poor condition will be retained and enhanced to moderate condition, delivering 15.39 BU.
- No linear habitats will be retained as part of the development.

Whilst there are numerous veteran trees within the woodland blocks, the proposed design is considered to avoid direct impacts to all veteran trees and irreplaceable habitat. However, due to the proximity of T330 to the future development and the likelihood of it falling, the tree was categorised as 'U' by Hayden's Arboricultural Consultants Ltd and recommendations have been provided to fell the tree to ground level.

Following discussion with Hayden's Arboricultural Consultants Ltd and the client, the tree will be retained, however it will required cutting back of the crown and upper growths to stabilise it; whilst tree T330 will not be entirely removed, as the works required will impact an irreplaceable habitat tree T330 has not been considered retained.

Overall, 11.73 BU in area habitats and 0.00 BU in linear habitats will be retained and 15.24 BU in area habitats will be enhanced.

4.3.2 Habitats to be Created

The habitats to be created was taken to be the proposed habitats as shown on Woods Hardwick drawing 19400/1009-E and Kirsten Bowden drawings 2025_01_20_Landwades_Landscape Proposals_002_RevB to 2025_01_20_Landwades_Landscape Proposals_007_RevB (see Drawings section). Post development habitats are presented within Sweco drawing 65210959-SWE-XX-XX-D-J-0012-C02-UKHab Post Dev Results Detailed App (see Drawings).

The created post-development habitats are detailed within Table 4.3 and 4.4 for area and hedgerow linear habitats respectively.



It has been necessary to make assumptions about the condition and distinctiveness of created habitats to complete the Metric. Habitat creation in the Metric is based on a realistic and achievable scenario.

Table 4.3. Summary of the Post-Development Area Habitats

Metric Habitat Type	Target Condition	Biodiversity Units
Urban tree	Moderate/Poor	3.11
Introduced shrub	Condition Assessment N/A	0.35
Sustainable drainage system	Good	0.95
Other neutral grassland	Good	3.40
Vegetated garden	Condition Assessment N/A	4.80
Modified grassland	Moderate	6.16
Developed land; sealed surface	N/A - Other	0.00
Artificial unvegetated, unsealed surface	N/A - Other	0.00
Mixed scrub	Moderate	0.10

Table 4.4. Summary of the Post-Development Linear Habitats

Metric Habitat Type	Target Condition	Biodiversity Units			
Non-native and ornamental hedgerow	Poor	0.32			
Native hedgerow	Poor	0.26			
Non-native and ornamental hedgerow	Poor	0.06			
Native hedgerow	Poor	0.59			
Native hedgerow	Poor	0.33			
Non-native and ornamental hedgerow	Poor	0.07			
Native hedgerow	Poor	0.06			

Overall, 18.87 BU in area habitats and 1.69 BU in linear habitats will be created.

4.4 Biodiversity Metric Results

The baseline biodiversity units for the Site is 58.34 BU for area habitats and 0.62 BU for linear habitats.

Post-development there will be a total of 47.58 BU for area habitats. This equates to a **net loss of 10.76 BU (– 18.44 %)**. Trading standards for area habitats have not been satisfied. In addition the works around T330, a veteran tree and irreplaceable habitat, will require a bespoke compensation agreement to be made, however with the works



required to avoid removal of the tree, the improvement of the woodlands on stie and long term management its considered likely that this can be addressed.

The provision of 16.69 BU will be required to achieve a 10% net gain for area habitats. In order to meet the Trading Standards, 0.33 BU of this provision will need to comprise high distinctiveness woodland habitat, such as lowland beech and yew woodland.

Post-development hedgerow linear habitat equates to a total of 1.69 BU. This equates to a **net gain of 1.07 BU (+ 171.91 %)**. Trading standards for linear habitats have been satisfied.

The overall net gain of the site is taken to be the lower of these two results. Therefore, the overall biodiversity net gain for the site is taken to be -18.44 %. The Metric calculations headline results are presented in Appendix B.

4.5 Recommendations

Whilst T330, a veteran tree and irreplaceable habitat wont be removed by the works, it will still require some management to ensure it remains viable. This will comprise the partial removal of its crown and upper growth to ensure its top heavy weight does not cause it to fall. A bespoke compensation agreement will be required outlining this, however it is considered that the retention of the tree and veteran feature, alongside the long term management of the woodlands and other veteran trees, comprises a sufficient approach to address the impacts of the scheme to T330.

There remains the potential for offsite compensation outside of purchasing credits from other suppliers, acquisition of land within the local area for improvement could provide a viable alternative to purchasing credits.

4.6 Purchasing Biodiversity Credits from the Environment Bank

In order to achieve a 10% biodiversity net gain and the required off-site compensation, purchasing Biodiversity Credits from a land bank is an additional option. This would require significant liaison with the Environment Bank to agree a purchase price based on what is required, which is currently outside of the scope of this assessment. This will likely include the following:

- The Environment Bank would need to acquire land in the local area which they
 are planning to do within the next 12 months. If purchase of land in the local
 authority jurisdiction cannot go ahead, they would either refund the deposit or
 carry out compensation within the adjacent LPA (if this were the case, slightly
 more land would be required).
- The Environment Bank would require a forward purchase agreement. As part of the agreement the Environment Bank take on the responsibility for all the management, monitoring, reports, and leasehold for the next 30 years. The required agreement would involve the Trust purchasing the credits before planning and then the Environment Bank would purchase the land within 12 months (or the deposit refund or provide compensation in the next LPA). The deposit expected for this would be 10% of the value of the biodiversity credits required.



- Credits are usually approximately £28,000 per unit for neutral grassland and £55,000 per unit for high distinctiveness woodland, but this is variable and there may also be a discount if many credits were required. It is estimated that the cost of purchasing 17 habitat units of neutral grassland would cost around £476,000 and 0.5 habitat units of high distinctiveness woodland would cost around £27,500, for a total cost of £503,500.
- Going forward the Environment Bank would require sight of the baseline data and the biodiversity calculator and would likely need to liaise with the project ecologists to ensure the ecological management plan is understood and is achievable.

This approach would need be agreed with the local authority.

4.7 Habitat Management

Habitats on site will be maintained for 30 years, as required.

A Habitat Management and Monitoring Plan (HMMP) using the template created by Natural England will be produced for the site, prior to occupation of the site. This will provide further details on the habitats to be created and how they will be managed to ensure the habitats and conditions proposed will be achieved for the scheme.



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Drawings

19400 1009G Parameter Plan - Land Use Plan

2025_01_20_Landwades_Landscape Proposals_002_RevB

2025_01_20_Landwades_Landscape Proposals_003_RevB

2025_01_20_Landwades_Landscape Proposals_004_RevB

2025_01_20_Landwades_Landscape Proposals_005_RevB

2025_01_20_Landwades_Landscape Proposals_007_RevB

2025_01_20_Landwades_Landscape Proposals_007_RevB

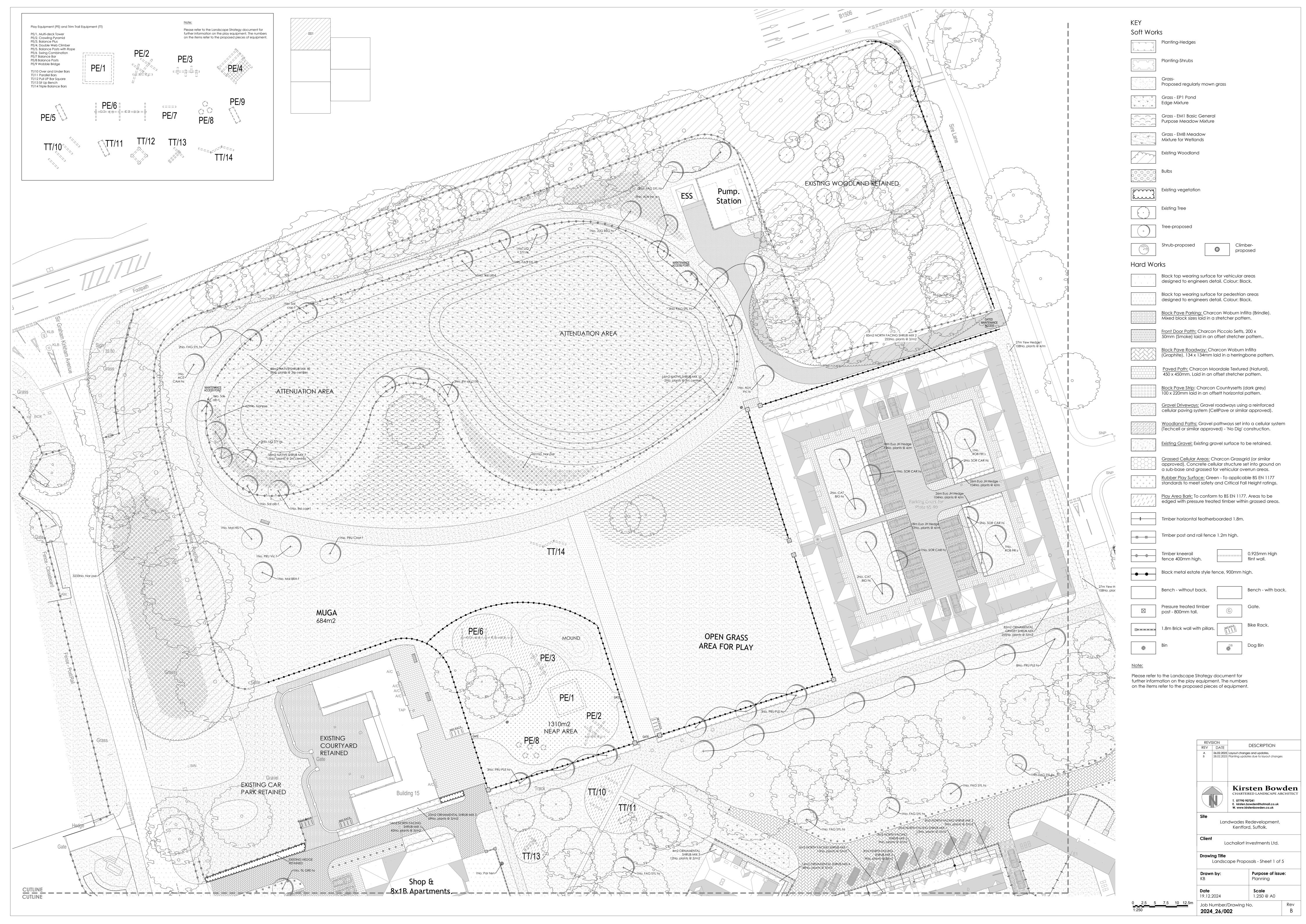
65210959-SWE-XX-XX-D-J-0011: UKHab Results Detailed App

65210959-SWE-XX-XX-D-J-0012-C02: UKHab Post Dev Results Detailed App



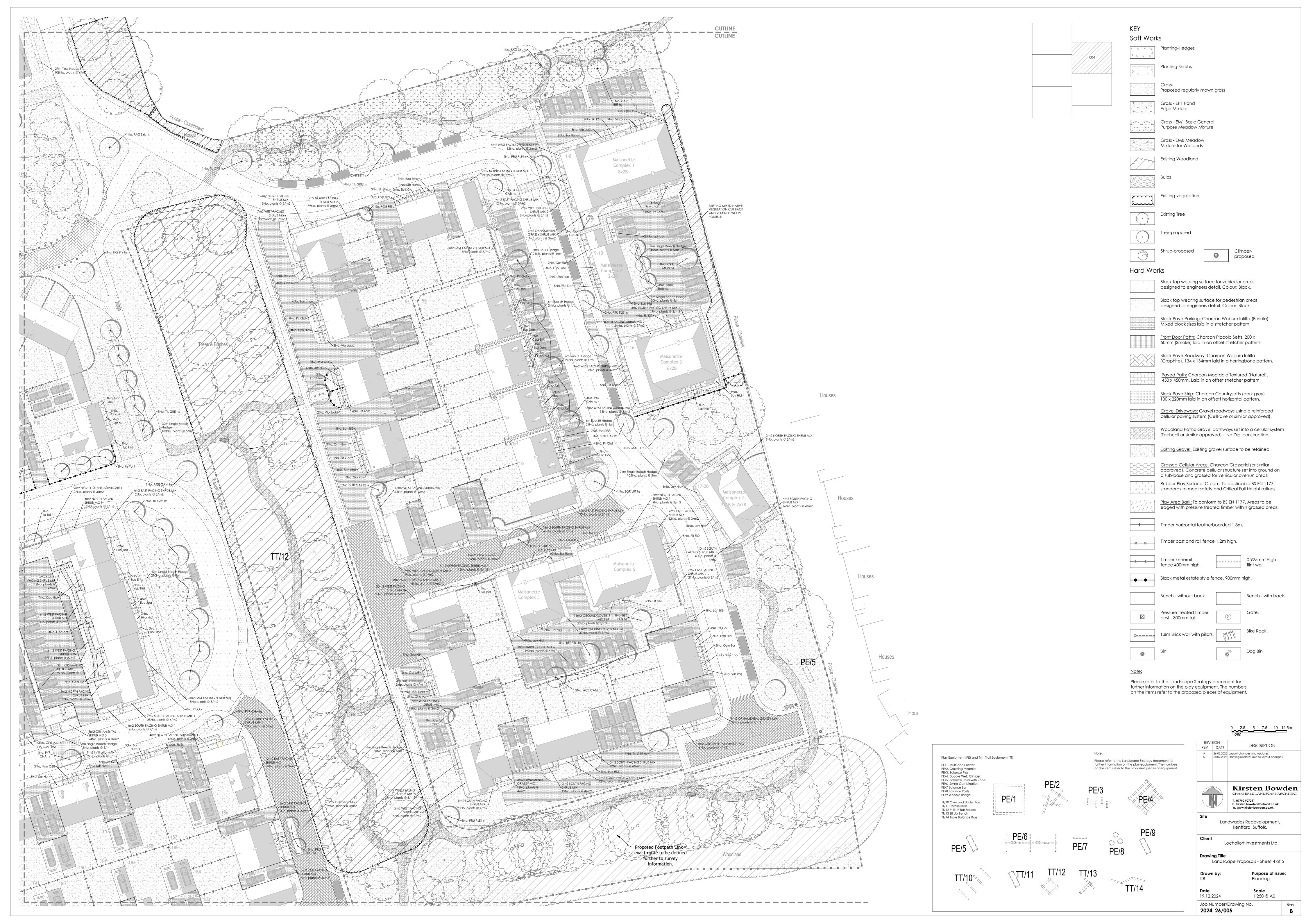
Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding.

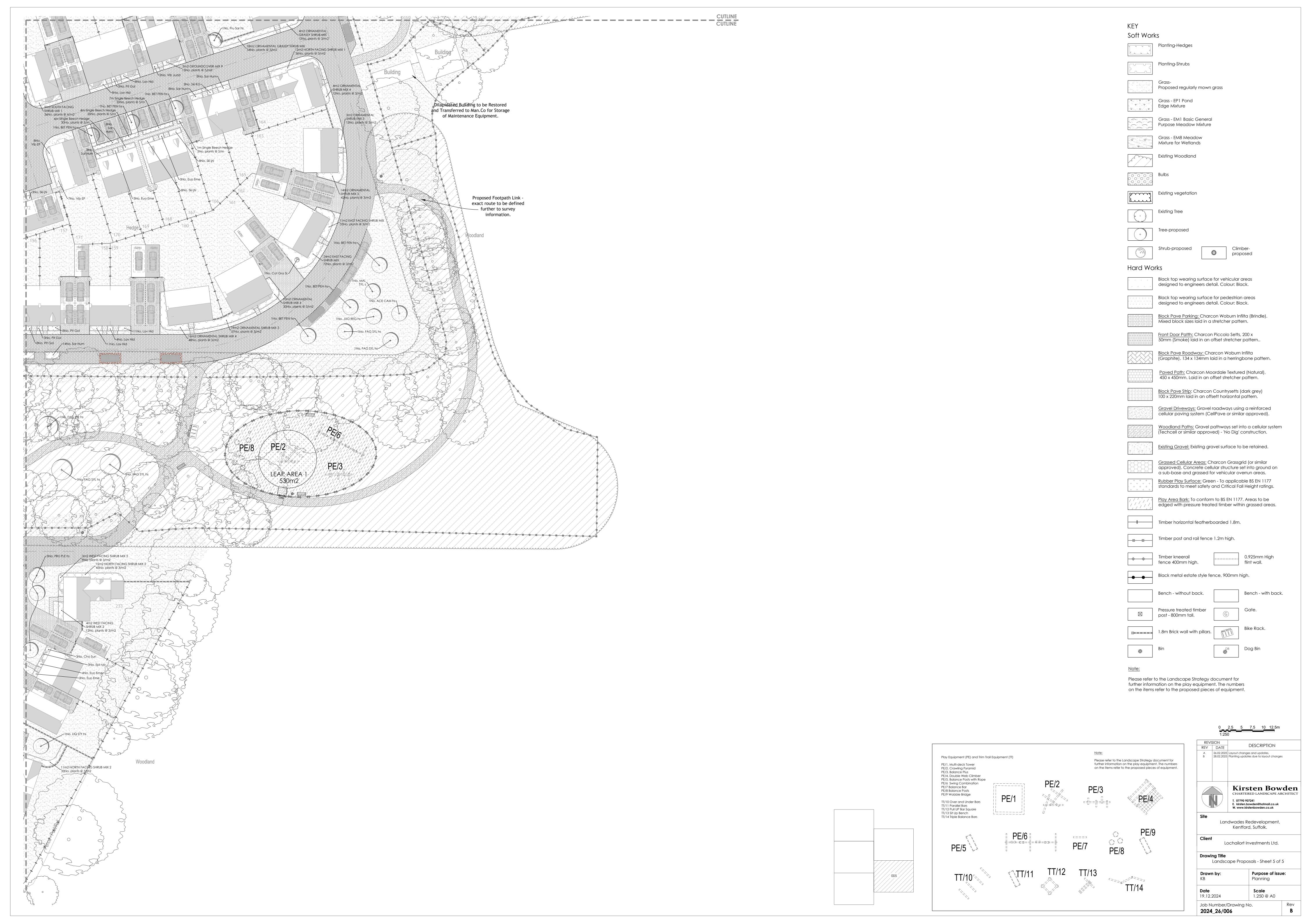
PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS DRAWING











PLANTING SCHEDULE: SHEET 1 OF 5	PLANTING SCHEDULE: SHEET 2 OF 5	PLANTING SCHEDULE: SHEET 3 OF 5
PLANT SCHEDULE BULBS/WILDFLOWERS	PLANT SCHEDULE SHRUBS	PLANT SCHEDULE SHRUBS
QTY CODE PLANT NAME GRADE SPACING 4283No. Nar pse Narcissus pseudonarcissus 10-12cm 20/m2 CLIMBERS QTY CODE PLANT NAME STOCK HEIGHT HABIT 1No. Par hen Parthenocissus henryana C 3L 60-80cm Self-clinger	GTY CODE PLANT NAME STOCK SIZE SPACING 5No. Abe Mas Abelia x grandiflora 'Francis Mason' C 3L 30-40cm 3/m2 4No. Cea AB Ceanothus 'Autumnal Blue' C 3L 40-60cm 3/m2 19No. Cea BM Ceanothus 'Blue Mound' C 3L 40-60cm 3/m2 12No. Cea rep Ceanothus thyrsiflorus var. repens C 3L 30-40cm 3/m2 17No. Cho Azt Choisya ternata 'Aztec Pearl' C 3L 40-60cm 3/m2 14No. Cho Sun Choisya ternata 'Sundance' C 3L 40-60cm 3/m2 4No. Cor Ele Cornus alba 'Elegantissima' C 3L 40-60cm 1/m2 24No. Cor MF Cornus sanguinea 'Midwinter Fire' C 3L 40-60cm 2/m2	Tho. Cea BM Ceanothus 'Blue Mound' C 3L 1No. Cot Gra 5L Cotinus coggygria 'Grace' C 5L 12No. Esc AB Escallonia 'Apple Blossom' C 3L 28No. Euo Eme Euonymus fortuneii 'Emerald Gaiety' C 3L 10No. Euo Jea Euonymus 'Jean Hughes' C 2L 4No. Hyp Hid Hypericum 'Hidcote' C 3L 38No. Lav Hid Lavandula angustifolia 'Hidcote' C 2L 4No. Nan OBB Nandina domestica 'Obsessed' C 3L
TREES QTY CODE PLANT NAME STOCK FORM GIRTH/HEIGHT 1No. ACE CAM hs Acer campestre RB STD 12-14cm 4No. ALN inc ss Alnus incana B STD 10-12cm	1No. Cot Gra 5L Cotinus coggygria 'Grace' C 5L 50-70cm 3/m2 6No. Ela ebb Elaeagnus x ebbingei C 3L 40-60cm 3/m2 10No. Esc AB Escallonia 'Apple Blossom' C 3L 40-60cm 3/m2 24No. Epi rub Epimedium x rubrum C 1L 10-20cm 4/m2 35No. Euo Eme Euonymus fortuneii 'Emerald Gaiety' C 3L 20-30cm 3/m2 6No. Euo Sil Euonymus fortuneii 'Silver Queen' C 2L 20-30cm 3/m2 9No. Euo Jea Euonymus 'Jean Hughes' C 2L 20-30cm 4/m2 3No. Hyd que Hydrangea quercifolia C 3L 40-60cm 3/m2	3No. Pit Gol Pittosporum 'Golf Ball' C 3L 14No. Pit SiQ Pittosporum 'Silver Queen' C 3L 23No. Sar Hum Sarcoccoca hookeriana 'humilis' C 3L 4No. Ski jN Skimmia japonica 'Nymans' C 3L 9No. Ski KG Skimmia x confusa 'Kew Green' C 3L CLIMBERS
4No. CAT BIG hs Catalpa bignonioides RB STD 12-14cm 13No. FAG SYL hs Fagus sylvatica RB STD 12-14cm 1No. JUG REG hs Juglans regia RB STD 12-14cm 4No. LIQ STY hs Liquidambar styraciflua RB STD 12-14cm 1No. Mal HIS f Malus 'Histon Favourite' B FTH 180-210cm 1No. Mal BRA f Malus 'Bramley' B FTH 180-210cm 3No. Pin syl c150 Pinus sylvestris C 45L CON 150-175cm 14No. PRU PLE hs Prunus avium 'Plena' RB STD 12-14cm 1No. PRU Vic f Prunus 'Victoria Plum' B FT 180-210cm	62No. Hyp Hid Hypericum 'Hidcote' C 3L 40-60cm 3/m2 89No. Lav Hid Lavandula angustifolia 'Hidcote' C 2L 20-30cm 4/m2 2No. Lon BG Lonicera nitida 'Baggensens Gold' C 3L 30-40cm 3/m2 3No. Nan OBB Nandina domestica 'Obsessed' C 3L 30-40cm 3/m2 15No. Osm Bur Osmanthus x burkwoodii C 3L 30-40cm 2/m2 12No. Pit Tom Pittosporum 'Tom Thumb' C 3L 30-40cm 3/m2 15No. Pit Gol Pittosporum 'Golf Ball' C 3L 30-40cm 3/m2 3No. Pit SiQ Pittosporum 'Silver Queen' C 3L 30-40cm 3/m2 4No. San cha Santolina chaemaecyparissus C 3L 20-30cm 3/m2	QTY CODE PLANT NAME STOCK HEIGHT HAB 1No. Cle mon Clematis montana C 3L 60-80cm Twin TREES QTY CODE PLANT NAME STOCK 7No. Ama Rab has Amalgraphia Igmarakii 'Dahin Liil' RB
1No.PRU CAM fPrunus 'Cambridge Gage'BFT180-210cm2No.ROB FRI sRobinia pseudoacacia 'Frisia'C 25LSTD8-10cm2No.Sal cap fSalix capreaBFTH180-210cm3No.Sal alb fSalix albaBFTH180-210cm6No.SOR CAR hsSorbus aucuparia 'Cardinal Royal'RBSTD12-14cm1No.TIL GRE hsTilia cordata 'Green Spire'RBSTD12-14cm	4No. San cha Santolina chaemaecyparissus C 3L 20-30cm 3/m2 32No. Sar Hum Sarcoccoca hookeriana 'humilis' C 3L 20-30cm 3/m2 8No. Ski jN Skimmia japonica 'Nymans' C 3L 30-40cm 3/m2 21No. Ski KG Skimmia x confusa 'Kew Green' C 3L 30-40cm 3/m2 4No. Spi Gol Spirea japonica 'Goldflame' C 3L 30-40cm 3/m2 4No. Vib Judd Viburnum juddii C 3L 20-30cm 2/m2 7No. Vib Ros Viburnum opulus 'Roseum' C 3L 40-60cm 2/m2 CLIMBERS QTY CODE PLANT NAME STOCK HEIGHT HABIT	7No. Ame Rob hs 2No. BET PEN hs 3No. Ile Gol f 1No. JUG REG hs 2No. LIQ STY hs 4No. Pru Sar hs 4No. SOR LUT hs 1No. SOR CAR hs 2No. TIL GRE hs 1No. SOR LIG GRE hs 1No. SOR LIG GRE hs 1No. SOR CAR hs 2No. TIL GRE hs 1No. SOR CAR hs 2No. TIL GRE hs 1No. SOR CAR hs 2No. TIL GRE hs 4No. SOR LIG GRE hs 2No. TIL GRE hs 4No. SOR CAR hs 3No. Amelanchier lamarckii 'Robin Hill' RB
QTY CODE PLANT NAME STOCK SIZE 88m Euo JH Hedge Euonymus japonicus 'Jean Hugues C 2L 30-40cm 352No. Plants spaced @ 4/m in a Single Row 27m Yew Hedge 1 Taxus baccata C 3L 40-60cm 108No. Plants spaced @ 4/m in a Single Row	1No. Cle mon Clematis montana C 3L 60-80cm Twiner 3No. Hyd pet Hydrangea petiolaris C 3L 60-80cm Self-clinger 3No. Par hen Parthenocissus henryana C 3L 60-80cm Self-clinger TREES QTY CODE PLANT NAME STOCK FORM GIRTH/HEIGHT	HEDGES QTY CODE PLANT NAME 132m Euo JH Hedge Euonymus japonicus 'Jean Hugues 528No. Plants spaced @ 4/m in a Single Row 5m Single Beech Hedge Fagus sylvatica
PLANT MIXES PERCENT QTY PLANT NAME STOCK SIZE 24m2 NORTH FACING SHRUB MIX 1 planted @ 3/m2	2No. ACE CAM hs Acer campestre RB STD 12-14cm 5No. BET PEN hs Betula pendula RB STD 12-14cm 3No. Cer Can f Cercis canadensis 'Forest Pansy' C 10L FTH 180-210cm 1No. Cor kou ms3 Cornus kousa var. chinensis C 45L MSTEM3 200-250cm 4No. FAG SYL hs Fagus sylvatica RB STD 12-14cm 6No. Pru Sar hs Prunus sargentii RB STD 12-14cm	25No. Plants spaced @ 5/m in a Single Row 29m Vib Eve Hedge Viburnum tinus 'Eve Price' 87No. Plants spaced @ 3/m in a Single Row HEDGE MIXES
15% 11No. Skimmia 'Nymans' C 3L 40-60cm 15% 11No. Sarcococca confusa C 3L 40-60cm 20% 14No. Cotoneaster 'Coral Beauty' C 3L 40-60cm 20% 14No. Viburnum davidii C 3L 40-60cm 30% 22No. Euonymus 'Emerald Gaiety' C 3L 40-60cm Individual varieties to be planted in same species groups where applicable. 94m2 NORTH FACING SHRUB MIX 2 planted @ 3/m2 15% 42No. Skimmia 'Nymans' C 3L 40-60cm	6No. PYR CHA hs Pyrus calleryana 'Chanticleer' RB STD 12-14cm 2No. ROB FRI s Robinia pseudoacacia 'Frisia' C 25L STD 8-10cm 1No. SOR LUT hs Sorbus aria 'Lutescens' RB STD 12-14cm 1No. SOR CAR hs Sorbus aucuparia 'Cardinal Royal' RB STD 12-14cm 22No. TIL GRE hs Tilia cordata 'Green Spire' RB STD 12-14cm HEDGES QTY CODE PLANT NAME STOCK SIZE	PERCENT QTY PLANT NAME STOCK 11m ORNAMENTAL HEDGE MIX planted @ 3/m in a Single Row 50% 17No. Viburnum tinus 'Eve Price' C 3L 30% 10No. Ligustrum ovalifolium 'Aureum' C 3L 20% 7No. Lonicera nitida 'Baggersons Gold' C 3L To be planted in species groups of approximately 10.
10% 28No. Skimmia 'Kew Green' C 3L 40-60cm 15% 42No. Sarcococca hookeriana var. digyna C 3L 40-60cm 10% 28No. Berberis thunbergii f. atropurpurea C 3L 40-60cm 15% 42No. Viburnum davidii C 3L 40-60cm 15% 42No. Cornus sanguinea 'Midwinter Fire' C 3L 40-60cm 20% 56No. Euonymus 'Emerald Gaiety' C 3L 40-60cm Individual varieties to be planted in same species groups of approximately 3, 5 OR 7.	61m Esc App Hedge Escallonia 'Apple Blossom' C 3L 30-40cm 183No. Plants spaced @ 3/m in a Single Row 80m Euo JH Hedge Euonymus japonicus 'Jean Hugues C 2L 30-40cm 320No. Plants spaced @ 4/m in a Single Row 168m Single Beech Hedge Fagus sylvatica B Trans 60-80cm	PLANT MIXES PERCENT QTY PLANT NAME STOCK 43m2 GROUNDCOVER MIX 14 planted @ 3/m2 10% 13No. Vinca minor 'Alba' C 1L 30% 39No. Ceanothus thyrsiflorus var. repens C 2L
58m2 NATIVE SHRUB MIX 7 planted @ 2m centres 10% 2No. Viburnum opulus B Trans 60-80cm 20% 3No. Cornus sanguinea B Trans 60-80cm 25% 4No. Crataegus monogyna B Trans 60-80cm 10% 2No. Euonymus europeus B Trans 40-60cm 10% 2No. Corylus avellana C 3L 40-60cm 10% 2No. llex aquifolium C 3L 40-60cm	887No. Plants spaced @ 5/m in a Single Row HEDGE MIXES PERCENT QTY PLANT NAME STOCK SIZE 131m NATIVE HEDGE MIX 6 planted @ 5/m in a Double Staggered Row	40% 52No. Cotoneaster suecicus 'Coral Beauty' C 2L 20% 26No. Pachysandra terminalis C 1L Individual varieties to be planted in groups of approximately 3, 5 or 7 5m2 GROUNDCOVER MIX 15 planted @ 4/m2 20% 4No. Juniperus communis 'Green Garpet' C 1L 20% 4No. Cytisus scoparius C 1L
10% 2No. buxus sempervirens C 3L 40-60cm 5% 1No. Rosa canina B Trans 40-60cm Individual varieties to be planted in groups of approximately 10. 84m2 NATIVE SHRUB MIX 10 planted @ 3m centres 15% 1No. Acer campestre B Trans 60-80cm 30% 3No. Cornus sanguinea B Trans 60-80cm	30% 197No. Crataegus monogyna B Trans 60-80cm 20% 131No. Corylus avellana B Trans 60-80cm 20% 131No. Cornus sanguinea B Trans 60-80cm 20% 131No. Acer campestre B Trans 60-80cm 10% 66No. Viburnum opulus B Trans 40-60cm To be planted in species groups of approximately 5. 33m ORNAMENTAL HEDGE MIX planted @ 3/m in a Single Row	30% 6No. Cotoneaster suecicus 'Coral Beauty' C 2L 15% 3No. Stipa tenuifolia C 1L 15% 3No. Genista lydia C 1L Individual varieties to be planted in groups of approximately 3, 5 or 7 85m2 NORTH FACING SHRUB MIX 1 planted @ 3/m2 15% 38No. Skimmia 'Nymans' C 3L 15% 38No. Sarcococca confusa C 3L
10% 1No. Corylus avellana B Trans 60-80cm 25% 2No. Crataegus monogyna B Trans 60-80cm 10% 1No. Ilex aquifolium C 3L 40-60cm 10% 1No. Viburnum opulus B Trans 60-80cm Individual varieties to be planted in species groups of approximately 10. 27m2 ORNAMENTAL SHRUB MIX 3 planted @ 3/m2 25% 20No. Choisya ternata 'Aztec Pear' C 3L 40-60cm	50% 50No. Viburnum tinus 'Eve Price' C 3L 40-60cm 30% 30No. Ligustrum ovalifolium 'Aureum' C 3L 40-60cm 20% 20No. Lonicera nitida 'Baggersons Gold' C 3L 40-60cm To be planted in species groups of approximately 10. PLANT MIXES	15% 38No. Sarcococca confusa C 3L 20% 51No. Cotoneaster 'Coral Beauty' C 3L 20% 51No. Viburnum davidii C 3L 30% 77No. Euonymus 'Emerald Gaiety' C 3L Individual varieties to be planted in same species groups where app 35m2 NORTH FACING SHRUB MIX 2 planted @ 3/m2 15% 16No. Skimmia 'Nymans' C 3L
20% 16No. Cornus alba 'Elegantissima' C 3L 40-60cm 15% 12No. Viburnum x juddii C 3L 40-60cm 25% 20No. Hebe 'Red Edge' C 3L 40-60cm 15% 12No. Euonymus fortunei 'Silver Queen' C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7.	PERCENT QTY PLANT NAME STOCK SIZE 42m2 Infiltration Mix 1 planted @ 3/m2 20% 25No. Miscanthus 'Kleine Silberspinne' C 2L 40-60cm 10% 13No. Stipa tenuifolia C 2L 20-30cm 10% 13No. Santolina chamaecyparissus C 2L 20-30cm 10% 13No. Euonymus europaeus C 2L 20-30cm 10% 13No. Verbascum 'Gainsborough' C 1L 15-20cm	10% 11No. Skimmia 'Kew Green' C 3L 15% 16No. Sarcococca hookeriana var. digyna C 3L 10% 11No. Berberis thunbergii f. atropurpurea C 3L 15% 16No. Viburnum davidii C 3L 15% 16No. Cornus sanguinea 'Midwinter Fire' C 3L 20% 21No. Euonymus 'Emerald Gaiety' C 3L Individual varieties to be planted in same species groups of approxir
20% 10No. Nandina domestica 'Obsessed' C 3L 30-40cm 20% 10No. Viburnum x juddii C 3L 30-40cm 25% 12No. Hebe 'Red Edge' C 3L 20-30cm 15% 7No. Pittosporum 'Tom Thumb' C 3L 30-40cm 20% 10No. Ceanothus thyrsiflorus var. repens C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 85m2 ORNAMENTAL GRASSY SHRUB MIX planted @ 3/m2	10% 13No. Viburnum opulus 'Notcutts Variety' C 2L 20-40cm 10% 13No. Achillea millefolium C 1L 15-20cm 10% 13No. Sedum spectabile C 1L 10-20cm 10% 13No. Artemisia 'Powis Castle' C 1L 10-20cm Individual varieties to be planted in groups of approximately 3-5. 55m2 GROUNDCOVER MIX 14 planted @ 3/m2	12m2 SOUTH FACING SHRUB MIX planted @ 4/m2 15% 7No. Hebe 'Caledonia' C 2L 25% 12No. Lavendula angustifolia 'Hidcote' C 2L 10% 5No. Euonymus fortunei 'Emerald Gaiety' C 2L 25% 12No. Geranium sanguineum 'Album' C 2L 25% 12No. Ceanothus thrysiflorus var. repens C 2L Individual varieties to be planted in groups of approximately 3, 5 or 7
25% 64No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 25% 64No. Hebe 'Red Edge' C 3L 40-60cm 20% 51No. Pennisetum alopecuroides 'Hameln' C 2L 40-60cm 5% 13No. Astrantia major 'Large White' C 1L 10-20cm 10% 26No. Viburnum x juddii C 3L 40-60cm 5% 13No. Verbena bonariensis C 2L 10-20cm 10% 26No. Salvia officinalis 'Purpurascens' C 2L 30-40cm	10% 17No. Vinca minor 'Alba' C 1L 10-20cm 30% 50No. Ceanothus thyrsiflorus var. repens C 2L 30-40cm 40% 66No. Cotoneaster suecicus 'Coral Beauty' C 2L 30-40cm 20% 33No. Pachysandra terminalis C 1L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 11m2 DRY SHADY MIX 1 planted @ 4/m2 20% 9No. Epimedium x rubrum C 1L 10-20cm	81m2 SOUTH FACING SHRUB MIX 1 planted @ 4/m2 20% 65No. Pittosporum 'Golf Ball' C 2L 25% 81No. Lavendula angustifolia 'Hidcote' C 2L 15% 49No. Euonymus fortunei 'Emerald Gaiety' C 2L 20% 65No. Cornus sanguineum 'Midwinter Fire' C 2L 20% 65No. Ceanothus thrysiflorus var. repens C 2L
Individual varieties to be planted in groups of approximately 3, 5 or 7. NOTES AND ABBREVIATIONS: B = Bare root (bagged). C = Container (or pot) grown, followed by size of the container (or pot). FORM = Shape of tree as supplied by the nursery.	25% 11No. Nandina domestica 'Obsessed' C 2L 15-20cm 30% 13No. Cotoneaster suecicus 'Coral Beauty' C 2L 30-40cm 25% 11No. Pachysandra terminalis C 1L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 35m2 NORTH FACING SHRUB MIX 1 planted @ 3/m2 15% 16No. Skimmia 'Nymans' C 3L 40-60cm	Individual varieties to be planted in groups of approximately 3, 5 or 7 63m2 EAST FACING SHRUB MIX planted @ 3/m2 15% 28No. Pachysandra terminalis C 3L 25% 47No. Spiraea japonica 'Goldflame' C 3L 10% 19No. Euonymus fortunei 'Emerald Gaiety' C 3L 25% 47No. Viburnum tinus 'Eve Price' C 3L 25% 47No. Pittosporum 'Toms Thumb' C 3L
FTH = Feather. HABIT = Juvenile habit or plant shape as supplied by the nursery. QTY = Quantity RB = Rootballed (balled and wrapped). SIZE = Height or Spread of juvenile plant. STD = (clear stem) Standard. STOCK = Root condition/protection method eg Bare root.	15% 16No. Sarcococca confusa C 3L 40-60cm 20% 21No. Cotoneaster 'Coral Beauty' C 3L 40-60cm 20% 21No. Viburnum davidii C 3L 40-60cm 30% 32No. Euonymus 'Emerald Gaiety' C 3L 40-60cm Individual varieties to be planted in same species groups where applicable. 17m2 NORTH FACING SHRUB MIX 2 planted @ 3/m2 15% 8No. Skimmia 'Nymans' C 3L 40-60cm	Individual varieties to be planted in groups of approximately 3, 5 or 7 7m2 EAST FACING SHRUB MIX 1 planted @ 3/m2 15% 3No. Pachysandra terminalis C 3L 25% 5No. Spiraea japonica 'Goldflame' C 3L 15% 3No. Euonymus fortunei 'Emerald Gaiety' C 3L 25% 5No. Epimedium × warleyense C 1L
Trans = Transplant (or undercut seedling).	10% 5No. Skimmia 'Kew Green' C 3L 40-60cm 15% 8No. Sarcococca hookeriana var. digyna C 3L 40-60cm 10% 5No. Berberis thunbergii f. atropurpurea C 3L 40-60cm 15% 8No. Viburnum davidii C 3L 40-60cm 15% 8No. Cornus sanguinea 'Midwinter Fire' C 3L 40-60cm 20% 10No. Euonymus 'Emerald Gaiety' C 3L 40-60cm Individual varieties to be planted in same species groups of approximately 3, 5 OR 7.	20% 4No. Pennisetum alopecuroides 'Hameln' C 1L Individual varieties to be planted in groups of approximately 3, 5 or 7 30m2 WEST FACING SHRUB MIX planted @ 3/m2 15% 14No. Choisya ternata 'Sundance' C 3L 20% 18No. Cornus alba 'Elegantissima' C 3L 15% 14No. Euonymus fortunei 'Emerald Gaiety' C 3L 20% 18No. Viburnum x juddii C 3L
	80m2 ORNAMENTAL SHRUB MIX 3 planted @ 3/m2 25% 60No. Choisya ternata 'Aztec Pear' C 3L 40-60cm 20% 48No. Cornus alba 'Elegantissima' C 3L 40-60cm 15% 36No. Viburnum x juddii C 3L 40-60cm 25% 60No. Hebe 'Red Edge' C 3L 40-60cm 15% 36No. Euonymus fortunei 'Silver Queen' C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7.	30% 27No. Spiraea japonica 'Goldflame' C 3L Individual varieties to be planted in groups of approximately 3, 5 or 7 13m2 WEST FACING SHRUB MIX 2 planted @ 3/m2 15% 6No. Choisya ternata 'Sundance' C 3L 25% 10No. Euonymus fortunei 'Emerald Gaiety' C 3L 15% 6No. Libertia grandiflora C 2L 20% 8No. Viburnum x juddii C 3L
	26m2 ORNAMENTAL SHRUB MIX 4 planted @ 3/m2 20% 16No. Nandina domestica 'Obsessed' C 3L 30-40cm 20% 16No. Viburnum x juddii C 3L 30-40cm 25% 20No. Hebe 'Red Edge' C 3L 20-30cm 15% 12No. Pittosporum 'Tom Thumb' C 3L 30-40cm 20% 16No. Ceanothus thyrsiflorus var. repens C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7.	25% 10No. Spiraea japonica 'Goldflame' C 3L Individual varieties to be planted in groups of approximately 3, 5 or 7 12m2 ORNAMENTAL GRASSY MIX planted @ 4/m2 25% 12No. Euonymus fortunei 'Emerald Gaiety' C 3L 25% 12No. Hebe 'Red Edge' C 3L 20% 10No. Pennisetum alopecuroides 'Hameln' C 2L 10% 5No. Geranium 'Rozanne' C 3L
	42m2 SOUTH FACING SHRUB MIX planted @ 4/m2 15% 25No. Hebe 'Caledonia' C 2L 10-20cm 25% 42No. Lavendula angustifolia 'Hidcote' C 2L 10-20cm 10% 17No. Euonymus fortunei 'Emerald Gaiety' C 2L 20-30cm 25% 42No. Geranium sanguineum 'Album' C 2L 10-20cm 25% 42No. Ceanothus thrysiflorus var. repens C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7.	20% 10No. Salvia officinalis 'Purpurascens' C 2L Individual varieties to be planted in groups of approximately 3, 5 or 7 NOTES AND ABBREVIATIONS: B = Bare root (bagged).
	30m2 SOUTH FACING SHRUB MIX 1 planted @ 4/m2 20% 24No. Pittosporum 'Golf Ball' C 2L 10-20cm 25% 30No. Lavendula angustifolia 'Hidcote' C 2L 10-20cm 15% 18No. Euonymus fortunei 'Emerald Gaiety' C 2L 20-30cm 20% 24No. Cornus sanguineum 'Midwinter Fire' C 2L 10-20cm 20% 24No. Ceanothus thrysiflorus var. repens C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7.	C = Container (or pot) grown, followed by size of the container (or possible properties of the container (or possible properties). FTH = Feather. HABIT = Juvenile habit or plant shape as supplied by the nursery. QTY = Quantity RB = Rootballed (balled and wrapped). SIZE = Height or Spread of juvenile plant. STD = (clear stem) Standard.
	90m2 EAST FACING SHRUB MIX planted @ 3/m2 15% 41No. Pachysandra terminalis C 3L 40-60cm 25% 68No. Spiraea japonica 'Goldflame' C 3L 40-60cm 10% 27No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 25% 68No. Viburnum tinus 'Eve Price' C 3L 40-60cm 25% 68No. Pittosporum 'Toms Thumb' C 3L 40-60cm Individual varieties to be planted in groups of approximately 3, 5 or 7.	STOCK = Root condition/protection method eg Bare root. Trans = Transplant (or undercut seedling). Twiner = Twining climber attached to trellis/frame, refer to specificati
	30m2 WEST FACING SHRUB MIX planted @ 3/m2 15% 14No. Choisya ternata 'Sundance' C 3L 40-60cm 20% 18No. Cornus alba 'Elegantissima' C 3L 40-60cm 15% 14No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 20% 18No. Viburnum x juddii C 3L 40-60cm 30% 27No. Spiraea japonica 'Goldflame' C 3L 40-60cm	
	Individual varieties to be planted in groups of approximately 3, 5 or 7. 15m2 WEST FACING SHRUB MIX 2 planted @ 3/m2 15% 7No. Choisya ternata 'Sundance' C 3L 40-60cm 25% 11No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 15% 7No. Libertia grandiflora C 2L 20-30cm 20% 9No. Viburnum x juddii C 3L 40-60cm 25% 11No. Spiraea japonica 'Goldflame' C 3L 40-60cm	
	Individual varieties to be planted in groups of approximately 3, 5 or 7. 34m2 WEST FACING SHRUB MIX 3 planted @ 1/m2 15% 5No. Choisya ternata 'Aztec Pearl' C 3L 40-60cm 10% 3No. Cornus alba 'Elegantissima' C 3L 40-60cm 10% 3No. Cornus 'Midwinter Fire' C 3L 40-60cm 15% 5No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 20% 7No. Viburnum x juddii C 3L 40-60cm 10% 3No. Spiraea japonica 'Goldflame' C 3L 40-60cm	
	10% 3No. Pittosporum 'Tom Thumb' C 3L 40-60cm 10% 3No. Pittosporum 'Golf Ball' C 3L 40-60cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 17m2 ORNAMENTAL GRASSY SHRUB MIX planted @ 3/m2 25% 13No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 25% 13No. Hebe 'Red Edge' C 3L 40-60cm 20% 10No. Pennisetum alopecuroides 'Hameln' C 2L 40-60cm 5% 3No. Astrantia major 'Large White' C 1L 10-20cm	
	10% 5No. Viburnum x juddii C 3L 40-60cm 5% 3No. Verbena bonariensis C 2L 10-20cm 10% 5No. Salvia officinalis 'Purpurascens' C 2L 30-40cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 33m2 ORNAMENTAL GRASSY MIX planted @ 4/m2 25% 33No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 25% 33No. Hebe 'Red Edge' C 3L 40-60cm	
	25% 33No. Hebe 'Red Edge' C 3L 40-60cm 20% 26No. Pennisetum alopecuroides 'Hameln' C 2L 40-60cm 10% 13No. Geranium 'Rozanne' C 3L 40-60cm 20% 26No. Salvia officinalis 'Purpurascens' C 2L 30-40cm	

Individual varieties to be planted in groups of approximately 3, 5 or 7.

SCHEDULE: SHEET 3 OF 5	PLANTING SCHEDULE: SHEET 4 OF 5 PLANT SCHEDULE
ODE PLANT NAME STOCK SIZE SPACING ea BM Ceanothus 'Blue Mound' C 3L 40-60cm 3/m2 ot Gra 5L Cotinus coggygria 'Grace' C 5L 50-70cm 3/m2 sc AB Escallonia 'Apple Blossom' C 3L 40-60cm 3/m2 uo Eme Euonymus fortuneii 'Emerald Gaiety' C 3L 20-30cm 3/m2 uo Jea Euonymus 'Jean Hughes' C 2L 20-30cm 4/m2 yp Hid Hypericum 'Hidcote' C 3L 40-60cm 3/m2 an OBB Nandina domestica 'Obsessed' C 2L 20-30cm 4/m2 an OBB Nandina domestica 'Obsessed' C 3L 30-40cm 3/m2 at Gol Pittosporum 'Golf Ball' C 3L 30-40cm 3/m2 at Hum Sarcoccoca hookeriana 'humilis' C 3L 20-30cm 3/m2 at JN Skimmia japonica 'Nymans' C 3L 30-40cm 3/m2 at KG Skimmia x confusa 'Kew Green' C 3L 30-40cm 3/m2 DDE PLANT NAME STOCK HEIGHT HABIT	SHRUBS QTY CODE PLANT NAME STOCK SIZE SPA 28No. Cea BM Ceanothus 'Blue Mound' C 3L 40-60cm 3/m 34No. Cho Azt Choisya ternata 'Aztec Pearl' C 3L 40-60cm 3/m 6No. Cho Sun Choisya ternata 'Sundance' C 3L 40-60cm 3/m 2No. Cor Ele Cornus alba 'Elegantissima' C 3L 40-60cm 1/m 4No. Cor MF Cornus sanguinea 'Midwinter Fire' C 3L 40-60cm 1/m 1No. Cot Gra 5L Cotinus coggygria 'Grace' C 5L 50-70cm 3/m 9No. Esc AB Escallonia 'Apple Blossom' C 3L 40-60cm 3/m 41No. Esc Don Escallonia 'Donard Seedling' C 3L 40-60cm 3/m 39No. Epi rub Epimedium x rubrum C 1L 10-20cm 4/m 23No. Euo Eme Euonymus fortuneii 'Emerald Gaiety' C 3L 20-30cm 3/m 26No. Euo Jea Euonymus 'Jean Hughes' C 2L 20-30cm 4/m 31No. Hyp Hid Hypericum 'Hidcote' C 3L 40-60cm 3/m 78No. Lav Hid Lavandula angustifolia 'Hidcote' C 2L 20-30cm 4/m 8No. Lon BG Lonicera nitida 'Baggensens Gold' C 3L 30-40cm 3/m 2No. Osm Bur Osmanthus x burkwoodii C 3L 30-40cm 3/m 2No. Pit Tom Pittosporum 'Golf Ball' C 3L 30-40cm 3/m 26No. Pit Gol Pittosporum 'Golf Ball' C 3L 30-40cm 3/m 26No. Pot Abb Potentilla fruticosa 'Abbotswood' C 3L 20-30cm 3/m 3No. Pot Abb Potentilla fruticosa 'Abbotswood' C 3L 20-30cm 3/m 32No. Sar Hum Sarcoccoca hookeriana 'humilis' C 3L 20-30cm 3/m
PLANT NAME STOCK FORM GIRTH/HEIGHT The Rob hs Amelanchier lamarckii 'Robin Hill' The Rob hs Betula pendula The Rob hs Tillia cordata 'Green Spire' The Rob Hall 'Form GIRTH/HEIGHT The Rob Hall 'Rob Hall' Rob Hall' The Rob Hall' Rob Ha	9No. Ski jN Skimmia japonica 'Nymans' C 3L 30-40cm 3/m 27No. Ski KG Skimmia x confusa 'Kew Green' C 3L 30-40cm 3/m 12No. Vib Judd Viburnum juddii C 3L 20-30cm 2/m 5No. Vib Ros Viburnum opulus 'Roseum' C 3L 40-60cm 2/m CLIMBERS QTY CODE PLANT NAME STOCK HEIGHT HABIT 1No. Hyd pet Hydrangea petiolaris C 3L 60-80cm Self-clinger TREES
DDE PLANT NAME STOCK SIZE TO JH Hedge Euonymus japonicus 'Jean Hugues C 2L 30-40cm This spaced @ 4/m in a Single Row This spaced @ 5/m in a Single Row This spaced @ 5/m in a Single Row This spaced @ 5/m in a Single Row This spaced @ 3/m in a Si	QTY CODE PLANT NAME STOCK FORM GIRTH/ 3No. ACE CAM hs Acer campestre RB STD 12-14c 3No. Ame Rob hs Amelanchier lamarckii 'Robin Hill' RB STD 12-14c 2No. BET PEN hs Betula pendula RB STD 12-14c 2No. CAR BET hs Carpinus betulus RB STD 12-14c 1No. Cer Can f Cercis canadensis 'Forest Pansy' C 10L FTH 180-21c 1No. CRA MON hs Crataegus monogyna RB STD 12-14c 3No. FAG SYL hs Fagus sylvatica RB STD 12-14c 4No. Ile Tol f Ilex aquifolium 'J.C. van Tol' C 45L FTH 150-18 1No. LIQ STY hs Liquidambar styraciflua RB STD 12-14c 1No. MAL FLO s Malus floribunda RB STD 8-10cn 7No. PRU PLE hs Prunus avium 'Plena' RB STD 12-14c 6No. PYR CHA hs Pyrus calleryana 'Chanticleer' RB STD 12-14c 1No. ROB FRI s Robinia pseudoacacia 'Frisia' C 25L STD 8-10cn 1No. SOR LUT hs Sorbus aria 'Lutescens' RB STD 12-14c 3No. SOR CAR hs Sorbus aucuparia 'Cardinal Royal' RB STD 12-14c HEDGES
7No. Lonicera nitida 'Baggersons Gold' C 3L 40-60cm ted in species groups of approximately 10. ES QTY PLANT NAME STOCK SIZE UNDCOVER MIX 14 planted @ 3/m2 13No. Vinca minor 'Alba' C 1L 10-20cm 39No. Ceanothus thyrsiflorus var. repens C 2L 30-40cm 52No. Cotoneaster suecicus 'Coral Beauty' C 2L 30-40cm 26No. Pachysandra terminalis C 1L 20-30cm varieties to be planted in groups of approximately 3, 5 or 7.	QTY CODE PLANT NAME STOCK SIZE 27m Euo JH Hedge Euonymus japonicus 'Jean Hugues C 2L 30-40cm 108No. Plants spaced @ 4/m in a Single Row 117m Single Beech Hedge Fagus sylvatica B Trans 60-80cm 585No. Plants spaced @ 5/m in a Single Row 27m Yew Hedge 1 Taxus baccata C 3L 40-60cm 108No. Plants spaced @ 4/m in a Single Row HEDGE MIXES
ANDCOVER MIX 15 planted @ 4/m2 4No. Juniperus communis 'Green Garpet' C 1L 10-20cm 4No. Cytisus scoparius C 1L 20-30cm 6No. Cotoneaster suecicus 'Coral Beauty' C 2L 30-40cm 3No. Stipa tenuifolia C 1L 30-40cm 3No. Genista lydia C 1L 30-40cm varieties to be planted in groups of approximately 3, 5 or 7. TH FACING SHRUB MIX 1 planted @ 3/m2 38No. Skimmia 'Nymans' C 3L 40-60cm 38No. Sarcococca confusa C 3L 40-60cm 51No. Cotoneaster 'Coral Beauty' C 3L 40-60cm 51No. Viburnum davidii C 3L 40-60cm 77No. Euonymus 'Emerald Gaiety' C 3L 40-60cm varieties to be planted in same species groups where applicable.	PERCENT QTY PLANT NAME STOCK SIZE 38m NATIVE HEDGE MIX 6 planted @ 5/m in a Double Staggered Row 30% 57No. Crataegus monogyna B Trans 60-80cm 20% 38No. Corylus avellana B Trans 60-80cm 20% 38No. Cornus sanguinea B Trans 60-80cm 20% 38No. Acer campestre B Trans 60-80cm 10% 19No. Viburnum opulus B Trans 40-60cm To be planted in species groups of approximately 5. 33m ORNAMENTAL HEDGE MIX planted @ 3/m in a Single Row 50% 50No. Viburnum tinus 'Eve Price' C 3L 40-60cm 30% 30No. Ligustrum ovalifolium 'Aureum' C 3L 40-60cm 20% 20No. Lonicera nitida 'Baggersons Gold' C 3L 40-60cm
TH FACING SHRUB MIX 2 planted @ 3/m2 16No. Skimmia 'Nymans' C 3L 40-60cm 11No. Skimmia 'Kew Green' C 3L 40-60cm 16No. Sarcococca hookeriana var. digyna C 3L 40-60cm 11No. Berberis thunbergii f. atropurpurea C 3L 40-60cm 16No. Viburnum davidii C 3L 40-60cm 16No. Cornus sanguinea 'Midwinter Fire' C 3L 40-60cm 21No. Euonymus 'Emerald Gaiety' C 3L 40-60cm varieties to be planted in same species groups of approximately 3, 5 OR 7. TH FACING SHRUB MIX planted @ 4/m2 7No. Hebe 'Caledonia' C 2L 10-20cm 12No. Lavendula angustifolia 'Hidcote' C 2L 10-20cm 5No. Euonymus fortunei 'Emerald Gaiety' C 2L 20-30cm 12No. Geranium sanguineum 'Album' C 2L 10-20cm	To be planted in species groups of approximately 10. PLANT MIXES PERCENT QTY PLANT NAME STOCK SIZE 34m2 Infiltration Mix 1 planted @ 3/m2 20% 20No. Miscanthus 'Kleine Silberspinne' C 2L 40-60cm 10% 10No. Stipa tenuifolia C 2L 20-30cm 10% 10No. Santolina chamaecyparissus C 2L 20-30cm 10% 10No. Euonymus europaeus C 2L 20-30cm 10% 10No. Verbascum 'Gainsborough' C 1L 15-20cm 10% 10No. Viburnum opulus 'Notcutts Variety' C 2L 20-40cm 10% 10No. Achillea millefolium C 1L 15-20cm 10% 10No. Sedum spectabile C 1L 10-20cm
12No. Ceanothus thrysiflorus var. repens C 2L 20-30cm varieties to be planted in groups of approximately 3, 5 or 7. TH FACING SHRUB MIX 1 planted @ 4/m2 65No. Pittosporum 'Golf Ball' C 2L 10-20cm 81No. Lavendula angustifolia 'Hidcote' C 2L 10-20cm 49No. Euonymus fortunei 'Emerald Gaiety' C 2L 20-30cm 65No. Cornus sanguineum 'Midwinter Fire' C 2L 10-20cm 65No. Ceanothus thrysiflorus var. repens C 2L 20-30cm varieties to be planted in groups of approximately 3, 5 or 7. FACING SHRUB MIX planted @ 3/m2 28No. Pachysandra terminalis C 3L 40-60cm 47No. Spiraea japonica 'Goldflame' C 3L 40-60cm	10% 10No. Artemisia 'Powis Castle' C 1L 10-20cm Individual varieties to be planted in groups of approximately 3-5. 22m2 GROUNDCOVER MIX 14 planted @ 3/m2 10% 7No. Vinca minor 'Alba' C 1L 10-20cm 30% 20No. Ceanothus thyrsiflorus var. repens C 2L 30-40cm 40% 26No. Cotoneaster suecicus 'Coral Beauty' C 2L 30-40cm 20% 13No. Pachysandra terminalis C 1L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 51m2 NORTH FACING SHRUB MIX 1 planted @ 3/m2 15% 23No. Skimmia 'Nymans' C 3L 40-60cm 15% 23No. Sarcococca confusa C 3L 40-60cm 20% 31No. Cotoneaster 'Coral Beauty' C 3L 40-60cm
19No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 47No. Viburnum tinus 'Eve Price' C 3L 40-60cm 47No. Pittosporum 'Toms Thumb' C 3L 40-60cm varieties to be planted in groups of approximately 3, 5 or 7. (ACING SHRUB MIX 1 planted @ 3/m2 3No. Pachysandra terminalis C 3L 40-60cm 5No. Spiraea japonica 'Goldflame' C 3L 40-60cm 3No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 5No. Epimedium × warleyense C 1L 10-20cm 4No. Pennisetum alopecuroides 'Hameln' C 1L 20-30cm varieties to be planted in groups of approximately 3, 5 or 7.	20% 31No. Viburnum davidii C 3L 40-60cm 30% 46No. Euonymus 'Emerald Gaiety' C 3L 40-60cm Individual varieties to be planted in same species groups where applicable. 24m2 NORTH FACING SHRUB MIX 2 planted @ 3/m2 15% 11No. Skimmia 'Nymans' C 3L 40-60cm 10% 7No. Skimmia 'Kew Green' C 3L 40-60cm 15% 11No. Sarcococca hookeriana var. digyna C 3L 40-60cm 10% 7No. Berberis thunbergii f. atropurpurea C 3L 40-60cm 15% 11No. Viburnum davidii C 3L 40-60cm 15% 11No. Cornus sanguinea 'Midwinter Fire' C 3L 40-60cm 20% 14No. Euonymus 'Emerald Gaiety' C 3L 40-60cm Individual varieties to be planted in same species groups of approximately 3, 5 OR 7.
FACING SHRUB MIX planted @ 3/m2 14No. Choisya ternata 'Sundance' C 3L 40-60cm 18No. Cornus alba 'Elegantissima' C 3L 40-60cm 14No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 18No. Viburnum x juddii C 3L 40-60cm 27No. Spiraea japonica 'Goldflame' C 3L 40-60cm varieties to be planted in groups of approximately 3, 5 or 7. FACING SHRUB MIX 2 planted @ 3/m2 6No. Choisya ternata 'Sundance' C 3L 40-60cm 10No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 6No. Libertia grandiflora C 2L 20-30cm	8m2 ORNAMENTAL SHRUB MIX 3 planted @ 3/m2 25% 6No. Choisya ternata 'Aztec Pear' C 3L 40-60cm 20% 5No. Cornus alba 'Elegantissima' C 3L 40-60cm 15% 4No. Viburnum x juddii C 3L 40-60cm 25% 6No. Hebe 'Red Edge' C 3L 40-60cm 15% 4No. Euonymus fortunei 'Silver Queen' C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 12m2 SOUTH FACING SHRUB MIX planted @ 4/m2 15% 7No. Hebe 'Caledonia' C 2L 10-20cm 25% 12No. Lavendula angustifolia 'Hidcote' C 2L 10-20cm
8No. Viburnum x juddii C 3L 40-60cm 10No. Spiraea japonica 'Goldflame' C 3L 40-60cm varieties to be planted in groups of approximately 3, 5 or 7. AMENTAL GRASSY MIX planted @ 4/m2 12No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 12No. Hebe 'Red Edge' C 3L 40-60cm 10No. Pennisetum alopecuroides 'Hameln' C 2L 40-60cm 5No. Geranium 'Rozanne' C 3L 40-60cm 10No. Salvia officinalis 'Purpurascens' C 2L 30-40cm varieties to be planted in groups of approximately 3, 5 or 7.	10% 5No. Euonymus fortunei 'Emerald Gaiety' C 2L 20-30cm 25% 12No. Geranium sanguineum 'Album' C 2L 10-20cm 25% 12No. Ceanothus thrysiflorus var. repens C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 46m2 SOUTH FACING SHRUB MIX 1 planted @ 4/m2 20% 37No. Pittosporum 'Golf Ball' C 2L 10-20cm 25% 46No. Lavendula angustifolia 'Hidcote' C 2L 10-20cm 15% 28No. Euonymus fortunei 'Emerald Gaiety' C 2L 20-30cm 20% 37No. Cornus sanguineum 'Midwinter Fire' C 2L 10-20cm 20% 37No. Ceanothus thrysiflorus var. repens C 2L 20-30cm Individual varieties to be planted in groups of approximately 3, 5 or 7.
of (bagged). ner (or pot) grown, followed by size of the container (or pot). ape of tree as supplied by the nursery. ner. venile habit or plant shape as supplied by the nursery. ntity alled (balled and wrapped). ht or Spread of juvenile plant. ar stem) Standard. bot condition/protection method eg Bare root.	58m2 EAST FACING SHRUB MIX planted @ 3/m2 15% 26No. Pachysandra terminalis C 3L 40-60cm 25% 44No. Spiraea japonica 'Goldflame' C 3L 40-60cm 10% 17No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 25% 44No. Viburnum tinus 'Eve Price' C 3L 40-60cm 25% 44No. Pittosporum 'Toms Thumb' C 3L 40-60cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 32m2 WEST FACING SHRUB MIX planted @ 3/m2 15% 14No. Choisya ternata 'Sundance' C 3L 40-60cm 20% 19No. Cornus alba 'Elegantissima' C 3L 40-60cm 15% 14No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm
nsplant (or undercut seedling). vining climber attached to trellis/frame, refer to specification.	20% 19No. Viburnum x juddii C 3L 40-60cm 30% 29No. Spiraea japonica 'Goldflame' C 3L 40-60cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 34m2 WEST FACING SHRUB MIX 2 planted @ 3/m2 15% 15No. Choisya ternata 'Sundance' C 3L 40-60cm 25% 26No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 15% 15No. Libertia grandiflora C 2L 20-30cm 20% 20No. Viburnum x juddii C 3L 40-60cm 25% 26No. Spiraea japonica 'Goldflame' C 3L 40-60cm Individual varieties to be planted in groups of approximately 3, 5 or 7.
	24m2 WEST FACING SHRUB MIX 3 planted @ 1/m2 15% 4No. Choisya ternata 'Aztec Pearl' C 3L 40-60cm 10% 2No. Cornus alba 'Elegantissima' C 3L 40-60cm 10% 2No. Cornus 'Midwinter Fire' C 3L 40-60cm 15% 4No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 20% 5No. Viburnum x juddii C 3L 40-60cm 10% 2No. Spiraea japonica 'Goldflame' C 3L 40-60cm 10% 2No. Pittosporum 'Tom Thumb' C 3L 40-60cm 10% 2No. Pittosporum 'Golf Ball' C 3L 40-60cm
	25% 13No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm 25% 13No. Hebe 'Red Edge' C 3L 40-60cm 20% 10No. Pennisetum alopecuroides 'Hameln' C 2L 40-60cm 5% 3No. Astrantia major 'Large White' C 1L 10-20cm 10% 5No. Viburnum x juddii C 3L 40-60cm 5% 3No. Verbena bonariensis C 2L 10-20cm 10% 5No. Salvia officinalis 'Purpurascens' C 2L 30-40cm Individual varieties to be planted in groups of approximately 3, 5 or 7. 16m2 ORNAMENTAL GRASSY MIX planted @ 4/m2 25% 16No. Euonymus fortunei 'Emerald Gaiety' C 3L 40-60cm
	25% 16No. Hebe 'Red Edge' C 3L 40-60cm 20% 13No. Pennisetum alopecuroides 'Hameln' C 2L 40-60cm 10% 6No. Geranium 'Rozanne' C 3L 40-60cm 20% 13No. Salvia officinalis 'Purpurascens' C 2L 30-40cm Individual varieties to be planted in groups of approximately 3, 5 or 7.

ILANIS	CHEDULE					
SHRUBS						
QTY	CODE	PLANT NAME		STOCK	SIZE	SPACI
3No. 1No. 3No. 13No. 42No. 22No. 46No.	Cho Sun Cot Gra 5L Epi rub Euo Eme Lav Hid Pit Gol Sar Hum	Choisya ternata 'Sundar Cotinus coggygria 'Grac Epimedium x rubrum Euonymus fortuneii 'Eme Lavandula angustifolia ' Pittosporum 'Golf Ball' Sarcoccoca hookeriana	ce' rald Gaiety Hidcote'	C 3L C 5L C 1L C 3L C 2L C 3L C 3L	40-60cm 50-70cm 10-20cm 20-30cm 20-30cm 30-40cm 20-30cm	3/m2 3/m2 4/m2 3/m2 4/m2 3/m2 3/m2
19No. 3No. 2No. 15No.	Ski jN Ski KG Vib Judd Vib EP	Skimmia japonica 'Nymo Skimmia x confusa 'Kew Viburnum juddii Viburnum tinus 'Eve prico	ans' Green'	C 3L C 3L C 3L C 3L	30-40cm 30-40cm 20-30cm 30-40cm	3/m2 3/m2 2/m2 2/m2
TREES QTY	CODE	PLANT NAME	STOCK	FORM	GIRTH/HEIGH	łT
1No. 6No. 5No. 1No. 1No. 1No. 3No.	ACE CAM hs BET PEN hs FAG SYL hs JUG REG hs LIQ STY hs MAL SYL s PRU PLE hs Pru Sar hs	Acer campestre Betula pendula Fagus sylvatica Juglans regia Liquidambar styraciflua Malus sylvestris Prunus avium 'Plena' Prunus sargentii	RB RB RB RB RB RB	STD STD STD STD STD STD STD STD	12-14cm 12-14cm 12-14cm 12-14cm 12-14cm 180-210cm 12-14cm 12-14cm	
HEDGES	S					
18m	CODE Single Beech H lants spaced (PLANT NAME Hedge Fagus sylvatica @ 5/m in a Single Row	STOCK B Trans	SIZE 60-80cm		
PLANT I		PLANT NAME		STOCK	SIZE	
3m2 GF	ROUNDCOVER	MIX 9 planted @ 5/m2				
15% 35% 25% 25% ndividu	5No. 4No. 4No.	Lavendula angustifolia 'Hic Euonymus fortuneii 'Emera Hebe pinguifolia 'Pagei' Pittosporum 'Tom Thumb' be planted in groups of a	ld Gaiety'	C 2L C 2L		
2m2 N 5% 5%	5No.	SHRUB MIX 1 planted @ 3/ Skimmia 'Nymans' Sarcococca confusa	'm2	C 3L C 3L	40-60cm 40-60cm	
20% 20% 30%	7No. 7No. 11No.	Cotoneaster 'Coral Beauty Viburnum davidii Euonymus 'Emerald Gaiety be planted in same specie	y'	C 3L C 3L C 3L	40-60cm 40-60cm 40-60cm	
26m2 N	ORTH FACING	SHRUB MIX 2 planted @ 3/				
15% 10% 15%	8No.	Skimmia 'Nymans' Skimmia 'Kew Green' Sarcococca hookeriana v	ar. digyna	C 3L C 3L C 3L	40-60cm 40-60cm 40-60cm	
10% 15% 15% 20%	8No. 12No. 12No.	Berberis thunbergii f. atrop Viburnum davidii Cornus sanguinea 'Midwin Euonymus 'Emerald Gaiet	ter Fire'	C 3L C 3L C 3L C 3L	40-60cm 40-60cm 40-60cm 40-60cm	
	al varieties to	be planted in same specie	es groups of			7.
381112 C 25% 20%	29No.	HRUB MIX 3 planted @ 3/m Choisya ternata 'Aztec Pe Cornus alba 'Elegantissimo	ar'	C 3L C 3L	40-60cm 40-60cm	
15% 25% 15%	17No. 29No. 17No.	Viburnum x juddii Hebe 'Red Edge' Euonymus fortunei 'Silver G be planted in groups of a	Queen'	C 3L C 3L C 2L	40-60cm	
30m2 C	rnamental s	HRUB MIX 4 planted @ 3/m	12		20.40 am	
20% 20% 25%	18No.	Nandina domestica 'Obse Viburnum x juddii Hebe 'Red Edge'	essea	C 3L C 3L C 3L	30-40cm 30-40cm 20-30cm	
15% 20%	14No. 18No.	Pittosporum 'Tom Thumb' Ceanothus thyrsiflorus var. be planted in groups of a		C 3L C 2L	30-40cm 20-30cm	
9m2 SC 20%		HRUB MIX 1 planted @ 4/m Pittosporum 'Golf Ball'	n2	C 2L	10-20cm	
25% 15%	5No.	Lavendula angustifolia 'Hio Euonymus fortunei 'Emeral	d Gaiety'	C 2L C 2L	10-20cm 20-30cm	
20% 20% ndividu	7No.	Cornus sanguineum 'Midw Ceanothus thrysiflorus var. be planted in groups of a	repens	C 2L C 2L y 3, 5 or 7.	10-20cm 20-30cm	
15%	16No.	IRUB MIX planted @ 3/m2 Pachysandra terminalis		C 3L	40-60cm	
25% 10%	11No.	Spiraea japonica 'Goldfla Euonymus fortunei 'Emeral		C 3L C 3L	40-60cm 40-60cm	
25% 25% ndividu	26No.	Viburnum tinus 'Eve Price' Pittosporum 'Toms Thumb' be planted in groups of a	oproximatel	C 3L C 3L y 3, 5 or 7.	40-60cm 40-60cm	
7m2 WI 15%		RUB MIX 2 planted @ 3/m2 Choisya ternata 'Sundanc		C 3L	40-60cm	
25% 15%	5No.	Euonymus fortunei 'Emeral Libertia grandiflora		C 3L C 2L	40-60cm 20-30cm	
20% 25%	4No. 5No.	Viburnum x juddii Spiraea japonica 'Goldfla be planted in groups of a _l		C 3L C 3L y 3, 5 or 7.	40-60cm 40-60cm	
22m2 C 25%		GRASSY SHRUB MIX planted Euonymus fortunei 'Emeral		C 3L	40-60cm	
25% 20%		Hebe 'Red Edge' Pennisetum alopecuroide	s 'Hameln'	C 3L C 2L	40-60cm 40-60cm	
5%	3No.	Astrantia major 'Large Whi Viburnum x juddii		C 1L C 3L	10-20cm 40-60cm	
		Verbena bonariensis	and a	C 2L	10-20cm	
10% 5% 10% Individu	7No.	Salvia officinalis 'Purpurasc be planted in groups of a		C 2L y 3, 5 or 7.	30-40cm	

SIZE = Height or Spread of juvenile plant.

Trans = Transplant (or undercut seedling).

- Refer to specification for further information - All plants to be completely hardened off

STOCK = Root condition/protection method eg Bare root.

- Substitutions to be agreed with Landscape Architect. Plant Schedule generated by "Qscape" software 28/02/2025

LANDSCAPE SPECIFICATION:

All landscape works to be carried out broadly in accordance with the relevant current British Standards; National Planting Specifications Guidelines; Horticultural Trades Association Standards; CPSE 'Plant Handling' Standards & COSHH Regulations. An associated Landscape Management Plan has been produced that this should be the first point of reference.

TOPSOIL Importation:

 Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work. Any imported soil should be to BS 3882.

- Handling: • Ensure that any aggressive weeds are removed from site – do not cut or distribute.
- Select and use plant to minimize disturbance, trafficking and compaction.
- Do not contaminate topsoil with subsoil, stone, hardcore, rubbish or material from building works.
- Alleviate any compaction of the soil prior to planting or turfing and do not handle topsoil in wet conditions or after heavy rainfall.

PLANTING

Seeding/Turfing:

- Ensure that there is a healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.
- The final sward should form a closely knit, continuous ground cover of even density, height and colour.
- Sward management varies depending on the mix and www.wildseed.co.uk should be referred to for further information regarding specialist seed mix requirements. Lawn swards to be mown regularly and irrigated if necessary to aid establishment.

Watering:

 As and when required to ensure healthy establishment of plants. During periods of drought the plants should be watered at least twice a week and gator bags (or simillar approved) used on the trees.

Site Clearance: Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.

Soil Conditions:

- Soil for cultivating and planting must be moist, friable and not waterlogged.
- No planting to take place if soil is frozen or snow covered and any plants waiting to be planted should be given additional root protection.
- Prevent planting pit sides and bases and backfill materials from freezing.

- Plant names, forms, dimensions and other criteria: To be labelled as per the applicable section of BS 3936.
- Frost: Protect plants from frost and handle plants with care. Protect from mechanical
- damage and do not subject to shock, e.g. by dropping from a vehicle. Planting: Upright or well balanced with best side to front, well firmed in and evenly
- spaced in same species groups of 3, 5 or 7. Trees to be planted in square pits and in accordance with best practice. Trees should be supported with a single stake at 45deg with an adjustable rubber tie. This should be
- checked and adjusted regularly. Container grown Shrubs to be planted in holes large enough to comfortably place the root, with the natural collar of the plant level with the finished ground level. Plants are to
- be well firmed in. Mixed native hedge plants to be slot planted and protected with a biodegradable spiral
- guard and cane. Mixed native hedges to be maintained at a height of 1.5m. Single species hedges to be planted to be slot planted or pit planted depending on
- roots. To be maintained in a regular form and at a height of 800mm to 1m. These should not have guards to allow for natural growth.

 The landscape scheme/planting programme is confirmed as being timetabled for implementation by or during the first planting season (mid-November to mid-March) following commencement of works.

Cultivation:

- Compacted topsoil to be broken up to full depth. Cultivate, aerate and break up soil a few days before planting when weather and ground conditions are suitably dry, leaving the surface regular and even.
- Any undesirable material brought to the surface including visible weeds, roots and large stones to be removed.

Weeding of planted areas:

 All areas to be checked regularly and kept free of invasive weeds. Either remove by hand (root included) or spot treated with a non-residual herbicide in accordance with the Manufacturer's instructions.

Mulching:

 Well- rotted bark mulch, free of pests, disease, fungus and weeds to be applied 100mm thick to be applied to all planting areas.

Spot treatment of weeds:

- Weeding of planted areas to be undertaken on a regular basis to ensure that the plants are given a fair chance to establish. Care to be taken to ensure that invasive and aggressive weeds do not become a problem and impact on the overall planting scheme. Where necessary, spot treatment of weeds in planted and grassed areas would be undertaken to ensure that they do not seed and establish elsewhere.
- Regular tidying of the planting beds including: - removal of leaf litter and any other debris
 - shrubs and trees to be regularly pruned in order to maintain healthy growth and
- Any dead, diseased or dying trees or shrubs to be taken away or affected limbs removed.

MANAGEMENT

Inspection Timetable: • The planting will be subject to an annual inspection each summer for the first 5 years to ensure that any dead, dying or diseased plants are removed. Those removed will be replaced with the same size or species as per the planting specification. Management of the overall scheme will incorporate regular reviews to check that the scheme is establishing well and any concerns highlighted and an appropriate professional consulted in order to address any issues.

REVIS	SION	DECORPTION					
REV	DATE	DESCRIPTION					
A B		Layout changes and updates. Planting updates due to layout changes					
		Kirsten Bowden CHARTERED LANDSCAPE ARCHITECT T. 07790 907241					

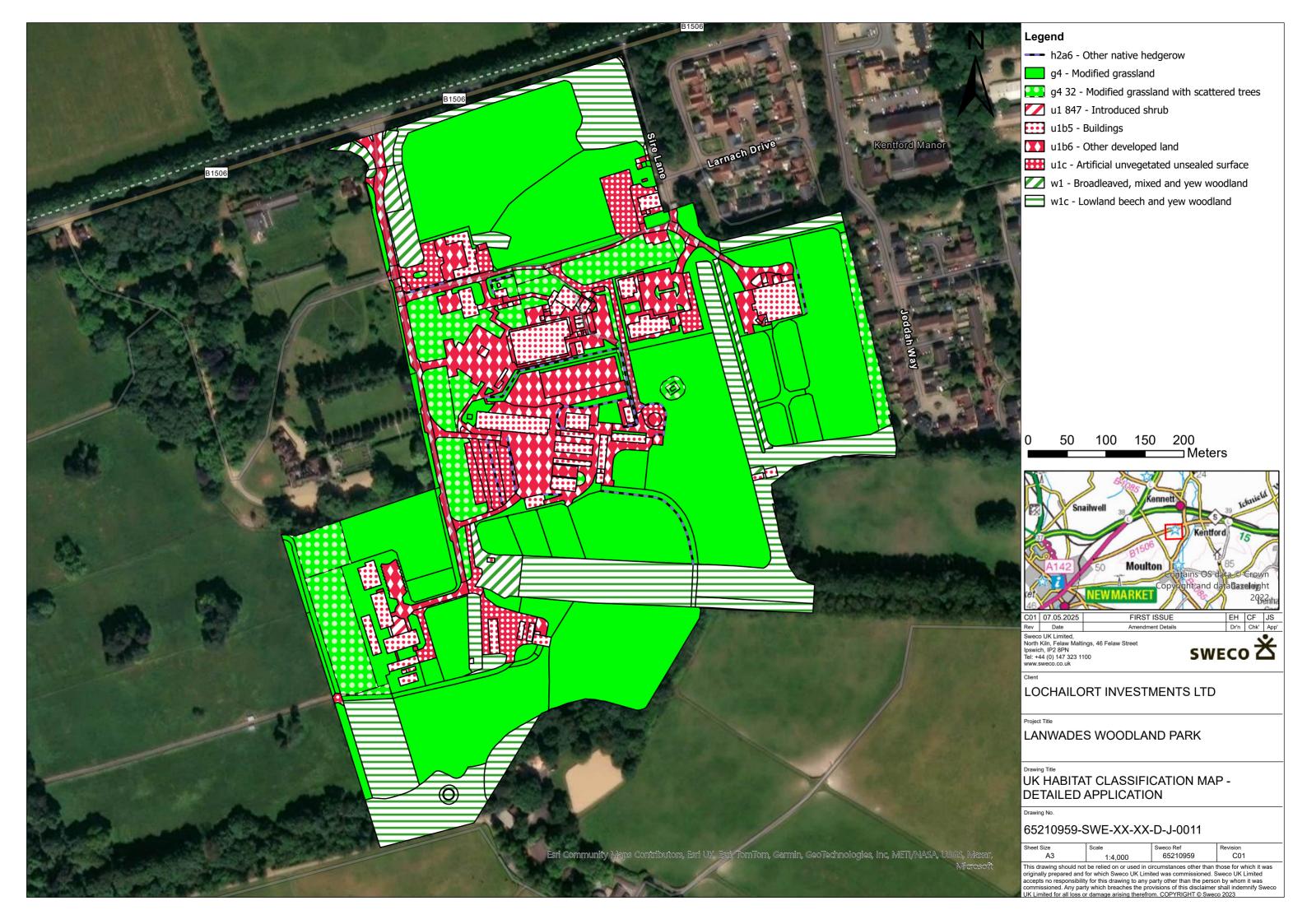
Landwades Redevelopment Kentford, Suffolk. Lochailort Investments Ltd. Details & Specification

E. kirsten.bowden@hotmail.co.uk W. www.kirstenbowden.co.uk

Drawing Title
Landscape Proposals -Drawn by: Purpose of issue: Planning Scale 1.250 @ A0 19.12.2024

Job Number/Drawing No.

2024_26/007







Appendix A – Habitat Condition Assessment Results

Condition Sheet: GRASSLAND Habitat Type (low distinctiveness)												
UK Habitat Classification (UKHab) Habitat Type Grassland - Modified grassland												
Habitat Description												
Mo	dified grassland, including amenity g	grassland and pasture paddocks for horse grazing										
ukh	nab – UK Habitat Classification											
		On-site and off-site	Survey da	ate and	04/05/24 a	and 05/05/	24					
			Surveyor		SB							
	-site or off-site, site name and				N/A							
loc	ation		Survey re (if relating									
			wider sur									
		N/A	Habitat pa	arcol rofor	onco							
				Modified	Amenity	Amenity	Paddoc	Amenity	Amenity	Paddoc		
Lin	nitations (if applicable)			grass,	grass with	,	ks /	. ,	,	k/		
				long	scat trees		pasture			pasture		
_			Grid refer Grass 1	Grass 2	Grass 3	Grass 4	Grass 5	Grace 6	Grass 7	Grace 9		
			Olass I	Olass 2	Olass 5	Class 4	Olass 5	01833 0	Olass 1	01833 0		
Со	ndition Assessment Criteria											
			Criterion	passed (Y	es or No)							Notes (such as
				()	,							justification)
	There are 6-8 vascular plant specie	s per m ² present, including at least 2 forbs (these may	Υ	Υ	N	Y - 6 max	N	N	Υ	Υ		
		Note - this criterion is essential for achieving Moderate				IIIdx						
	or Good condition.											
A		resent are characteristic of medium, high or very high										
	(excluding those listed in Footnote 1	are 9 or more of these characteristic species per m ² 1), please review the full UKHab description to assess										
		ad be classified as a higher distinctiveness grassland. edium, high, or very high distinctiveness, please use the										
	relevant condition sheet.	odiani, nigri, di 101) nigri diodinoaronood, pidado doo die										
			N	Υ	N	N	Υ	N	N	Υ		
	Sward height is varied (at least 20% of the sward is less than 7 cm and at least 20% is more											
	than 7 cm) creating microclimates w to live and breed.	which provide opportunities for vertebrates and invertebrates										
	to live and breed.											
			Υ	Υ	Υ	N	Υ	Υ	Υ	Υ		
		s than 20% of the total grassland area. (Some scattered										
С	scrub such as bramble Rubus frutic	cosus agg. may be present).										
		ious (more than 90%) cover should be classified as the										
	relevant scrub habitat type.											
			N	Υ	N	Υ	Υ	N	Υ	N		
	Physical damage is evident in less t	than 5% of total grassland area. Examples of physical										
D	damage include excessive poaching	g, damage from machinery use or storage, erosion caused										
	by high levels of access, or any other	er damaging management activities.										
			N	V	N	V	V	V	V	V		
			N	Y	N	Ť	Y	ĭ	ĭ	ĭ		
		% and 10%, including localised areas (for example, a										
-	concentration of rabbit warrens)2.											
			Υ	Υ	Υ	Υ	Υ	Υ	Υ	Υ		
F	Cover of bracken Pteridium aquilinu	um is less than 20%.										
-			Υ	Υ	N	Υ	Υ	Υ	Υ	Υ		
			-				-	-	-	•		
G	There is an absence of invasive nor	n-native plant species ³ (as listed on Schedule 9 of WCA ⁴).										
		Ecceptial exiterion achieved (Vecentle)	Υ	Υ	N	Υ	N	N	Y	Υ		
		Essential criterion achieved (Yes or No)	4	7	2	1		4	6	6		
		Number of criteria passed	4	<u> </u>		4	6	+	6	6		
	ndition Assessment Result (out 7 criteria)	Condition Assessment Score	Score Acl	nieved ×/√								
	sses 6 or 7 criteria including	Cood (2)		Υ					Υ	Υ		
	ssing essential criterion A	Good (3)	.,									
	sses 4 or 5 criteria including	Moderate (2)	Υ			Υ						
	ssing essential criterion A	(-)						.,				
Pas OR	sses 3 or fewer criteria;				Υ		Y	Y				
Pas	sses 4 - 6 criteria (excluding	Poor (1)										
	erion A)		<u> </u>	<u> </u>			<u> </u>			Щ		
Su	ggested enhancement interventio	ns to improve condition score										

Footpotos

Footnote 1 – Creeping thistle Cirsium arvense, spear thistle Cirsium vulgare, curled dock Rumex crispus, broad-leaved dock Rumex obtusifolius, common nettle Urtica dioica, creeping buttercup Ranunculus repens, greater plantain Plantago major, white clover Trifolium repens and cow parsley Anthriscus sylvestris.

Footnote 2 - For example, this could include small, scattered areas of bare ground allowing establishment of new species, or localised patches where not exceeding 10% cover.

Footnote 3 – Assess this for each distinct habitat parcel. If the distribution of invasive non-native species varies across the habitat, split into parcels accordingly, applying a buffer zone around the invasive non-native species with a size relative to its risk of spread into adjacent habitat, using professional judgement.

Footnote 4 – Wildlife and Countryside Act 1981 (as amended).

Individual trees – Urban trees individual trees – Rural trees Complete a condition sheet for each tree or block of trees. Please see the separate Line of trees condition sheet for a line of rural trees. You should only use the Line of trees condition assessment and record if type in rural locations. Habitat Description Scattered trees within modified grassland Individual trees (description applied to the urban or rural environment): Young trees over 7.5 cm in diameter at breast height whose canopies are not touching. Urban Perimeter / Linear Blocks and Groups (description applied to the urban environment only): Groups or stands of trees (size requirement as defined above) within an around the perimeter of urban land. This includes those along urban streets, highways, canals, and also former field boundary trees incorporated into developments. Canopies should predominantly overlap continuously. Groups of urban trees that do descriptions for woodland may be assessed within this category. On-site or off-site, site name and location NIA Survey date and Survey date and Survey or name SB Survey trees SB N/A							TREES Habitat Type	Condition Sheet: INDIVIDUAL
Individual trees — Rural trees Complete a condition sheet for each tree or block of trees. Please see the separate Line of trees condition sheet for a line of rural, trees. You should only use the Line of trees condition assessment and record type in rural (coations. Habitat Description Scattered trees within modified grassland Individual trees (description applied to the urban or rural environment): Young trees over 7.5 cm in diameter at breast height whose canopies are not touching. Urban Perimeter / Linear Blocks and Groups (description applied to the urban environment only): Groups or stands of trees (size requirement as defined above) within and around the perimeter of urban land. This includes those along urban streets, highways, carasis, and also former field boundary breas incorporated into developments. Canopies should predominantly overlap continuously. Groups of urban trees that descriptions for woodland may be assessed within this category. On-site or off-site, site name On-site or off-site, site name On-site or off-site, site name Survey date and Survey reference (iff relating to a wider survey) Limitations (if applicable) NA Start Scat							- · · · · · · · · · · · · · · · · · · ·	
Rabitat Description							each tree or block of trees.	Individual trees – Rural trees
Individual trees (description applied to the urban or rural environment):	Line of trees condition assessment and record that habitat	Line of trees co	use the	ld only	u shoul	es. Yo	of trees condition sheet for a line of <u>rural</u> tro	-
Individual trees (description applied to the urban or rural environment): Young trees over 7.5 cm in diameter at breast height whose canopies are not touching. Urban Perimeter / Linear Blocks and Groups (description applied to the urban environment only): Groups or stands of trees (size requirement as defined above) within and around the perimeter of urban land. This includes those along urban streets, highways, canals, and also former field boundary trees incorporated into developments. Canopies should predominantly overlap continuously. Groups of urban trees that do descriptions for woodnaid may be assessed within this category. On-site or off-site, site name and location N/A Survey date and Su								Habitat Description
Variable							grassland	Scattered trees within modified of
Groups or stands of trees (size requirement as defined above) within and around the perimeter of urban land. This includes those along urban streets, highways, canals, and also former field boundary trees incorporated into developments. Canopies should predominantly overlap continuously. Groups of urban trees that do descriptions for woodland may be assessed within this category. On-site or off-site, site name and location					-	ouching		
Groups or stands of trees (size requirement as defined above) within and around the perimeter of urban land. This includes those along urban streets, highways, canals, and also former field boundary trees incorporated into developments. Canopies should predominantly overlap continuously. Groups of urban trees that do descriptions for woodland may be assessed within this category. On-site or off-site, site name and location			y):	ent only	vironm	ban en	ks and Groups (description applied to the ur	Urban Perimeter / Linear Bloc
On-site or off-site, site name and location N/A Limitations (if applicable) N/A Habitat parcel reference (freating to a wider survey) N/A Habitat parcel reference trees Scat							undary trees incorporated into developments. C	canals, and also former field bou
N/A Habitat parcel reference (if relating to a wider survey)	24 and 05/05/24	4 and 05/05/24			-		On-site and off-site	
Limitations (if applicable) Scat Scat trees t			N/A	а	ating to	(if rela		
trees 1 2 3 3			ence	el refere	at parce	Habita	N/A	
Condition Assessment Criteria Criterion passed (Yes or No) Notes fustified				trees	trees			Limitations (if applicable)
Condition Assessment Criteria Horse chest nut				1		Grid r		
Condition Assessment Criteria The tree is a native species (or at least 70% within the block are native species). The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion). The tree is mature (or more than 50% within the block are mature)¹. N Y Y Y ON Y ON Y ON Y ON Y ON Y ON Y				Beec	Mix			
Criterion passed (Yes or No) A The tree is a native species (or at least 70% within the block are native species). N N Y Y Y Y Y The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion). Y N Y Y N Y The tree is mature (or more than 50% within the block are mature)¹.								Condition Assessment Criteria
The tree is a native species (or at least 70% within the block are native species). The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion). Y Y Y N Y The tree is mature (or more than 50% within the block are mature)¹.	o) Notes (such as justification))	es or No	ssed (Ye	ion pas	Criter	•	Solidition Assessment of term
The tree canopy is predominantly continuous, with gaps in canopy cover making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion). The tree is mature (or more than 50% within the block are mature)¹. N Y Y				Υ	N	N	or at least 70% within the block are native	Δ
B making up <10% of total area and no individual gap being >5 m wide (individual trees automatically pass this criterion). Y N Y The tree is mature (or more than 50% within the block are mature)¹. N Y Y				Y	Y	Y	antly continuous, with dans in canony cover	The tree canony is predomin
C The tree is mature (or more than 50% within the block are mature)¹. N Y Y							a and no individual gap being >5 m wide	B making up <10% of total are
				Y	N	Υ	han 50% within the block are mature) ¹ .	C The tree is mature (or more to
activities (such as vandalism, herbicide or detrimental agricultural activity). And there is no current regular pruning regime, so the trees retain >75% of expected canopy for their age range and height.				Y	Y	N	, herbicide or detrimental agricultural activity). ar pruning regime, so the trees retain >75% of	D activities (such as vandalism And there is no current regul
E Natural ecological niches for vertebrates and invertebrates are present, such as presence of deadwood, cavities, ivy or loose bark.				N	N	N		

F More than 20% of the tree canopy area is oversailing vegetation beneath. Number of criteria passed Y N N N 2 4	
Number of criteria passed	
Condition Assessment Result (out of 6 criteria) Condition Assessment Score Score Achieved ×/√	
Passes 5 or 6 criteria Good (3)	
Passes 3 or 4 criteria Moderate (2)	
Passes 2 or fewer criteria Poor (1)	
Note that 'Fairly Good and Fairly Poor' condition categories are not available for this broad habitat type.	
Suggested enhancement interventions to improve condition score ²	

		EDGEROW Habitat Types													
	at Type														
1	e hedgerow	acconiated with bank or dit	o b												
	e neagerow - e hedgerow w	associated with bank or dit	CII												
Nativ	e hedgerow w	vith trees - associated with	oank or ditch												
	es-rich native														
		e hedgerow - associated wit e hedgerow with trees	n bank or ditch	1											
		hedgerow with trees - ass	ociated with ba	nk or ditch											
Habit	at Description	1													
Other	native hedger	ow													
l	1021112	01 '5 '5													
uknab	– UK Habitat	Classification		1											
On-si	te or off-site,				04/05/2 SB	24 and 0	5/05/24								
	ame and	On-site and off-site		Survey date and Surveyor name											
locati	on			ourveyor mame											
Limit	ntions /:f			Survey reference	N/A										
	ations (if cable)	N/A		(if relating to a											
	ition Assessn	nont Dotails		wider survey)											
		utes, representing key physic sessed according to the numb											group	s (A – E) and the condition
"	augorow is as	sees a decorating to the numb	o. or annoutes i	.s aloco lullotioliai g	,. oaps w	on pas	or rail		Jaiable	. condi	.511 011	Jina.			
		based on the Hedgerow Surve	ey Handbook ¹ aı	nd Favourable Conser	vation S	tatus do	cument	² . For fu	rther cla	arificati	on plea	se refe	er to the	e Hedge	row Survey
Handl	oook.														
Best p	oractice would	be to record the species, age	, spacing and ot	her key information ab	out all tr	ees pre	sent alo	ng a he	dgerow	within	he 'Ha	bitat D	escripti	on' box,	as well as other
key fe	atures of the h	nedgerow.	, ,	•		·		•	•						
Hedg	erow favoura	ble condition attributes													
					Habita	t parcel	referer	тсе							
	4														
funct	utes and	Criteria - the minimum													
	oings (A, B,	requirements for 'favourable condition'	Criteria descri	iption		ference					,			,	
C, D a	and E)	Tavourable condition			H1	H2	H3								
	_														
Core	groups - appl	icable to all hedgerow type	S		Criterio	on pass	ed (Yes	or No)							Notes (such as justification)
							1	_	_				1		Jacanica a con ,
			The average hei	ght of woody growth											
			estimated from b	pase of stem to the top											
				cluding any bank gerow, any gaps or											
			isolated trees.	J,, gapo o											
			Newly laid or cor	opiced hedgerows are	N -										
A1.	Height	>1.5 m average along length	indicative of goo	d management and	Almost	N	Υ								
				n for up to a maximum indertaken according to	1.5m										
			good practice).	indertaken according to											
			A nowly planted	hedgerow does not											
				n (unless it is >1.5 m											
			height).												
				Ith of woody growth widest point of the											
				ng gaps and isolated											
			trees.												
			Outgrowths (suc	h as blackthorn <i>Prunus</i>											
			spinosa suckers	are only included in											
A2.	Width	>1.5 m average along length	the width estimation in height.	te when they are >0.5	N	N	N								
				cut and newly planted ndicative of good											
			management an	d pass this criterion for											
				n of four years (if ording to good practice).											
			unuenaken acco	rang to good practice).											

			This is the vertical 'gappiness' of the							
B1.	Gap - hedge base	Gap between ground and base of canopy <0.5 m for >90% of length	woody component of the hedgerow, and its distance from the ground to the lowest leafy growth. Certain exceptions to this criterion are acceptable (see page 65 of the	Y	Y	N				
B2.	Gap - hedge canopy continuity	Gaps make up <10% of total length; and No canopy gaps >5 m	Hedgerow Survey Handbook). This is the horizontal 'gappiness' of the woody component of the hedgerow. Gaps are complete breaks in the woody canopy (no matter how small). Access points and gates contribute to the overall 'gappiness' but are not subject to the >5 m criterion (as this is the typical size of a gate).	Υ	Ν	N				
C1.	Undisturbed ground and perennial vegetation	>1 m width of undisturbed ground with perennial herbaceous vegetation for >90% of length: · Measured from outer edge of hedgerow; and · Is present on one side of the hedgerow (at least).	This is the level of disturbance (excluding wildlife disturbance) at the base of the hedgerow. Undisturbed ground is present for at least 90% of the hedgerow length, greater than 1 m in width and must be present along at least one side of the hedgerow. This criterion recognises the value of the hedgerow base as a boundary habitat with the capacity to support a wide range of species. Cultivation, heavily trodden footpaths, poached ground etc. can limit available habitat niches.	N	N	N				
C2.	enriched perennial	Plant species indicative of nutrient enrichment of soils dominate <20% cover of the area of undisturbed ground.	The indicator species used are nettles Urtica spp., cleavers Galium aparine and docks Rumex spp. Their presence, either singly or together, does not exceed the 20% cover threshold.	ν	N	Z				
D1.	Invasive and neophyte species	>90% of the hedgerow and undisturbed ground is free of invasive non-native plant species (including those listed on Schedule 9 of WCA ³) and	Recently introduced species refer to plants that have naturalised in the UK since AD 1500 (neophytes). Archaeophytes count as natives. For information on archaeophytes and neophytes see the JNCC website ⁴ , as well as the BSBI website ⁵ where the 'Online Atlas of the British and Irish Flora' ⁶ contains an up-to-date list of the status of species. For information on invasive non-native species see the GB Non-Native Secretariat website ⁷ .	Υ	Y	Y				
D2.	Current damage	>90% of the hedgerow or undisturbed ground is free of damage caused by human activities.	This criterion addresses damaging activities that may have led to or lead to deterioration in other attributes. This could include evidence of pollution, piles of manure or rubble, or inappropriate management practices (for example, excessive hedgerow cutting).	Ν	Ν	N				
Additi	ional group -	applicable to hedgerows wi	th trees only							
E1.	Tree class	There is more than one age- class (or morphology) of tree present (for example: young, mature, veteran and or ancient ⁸), and there is on average at least one mature, ancient or veteran tree present per 20 - 50m of hedgerow.	This criterion addresses if there are a range of age-classes or morphologies which allow for replacement of trees and provide opportunities for different species.	N - Young beech trees						
1										

E2.	Tree health	little or no evidence of an	This criterion identifies if the trees are subject to damage which compromises the survival and health of the individual specimens.	N											
-----	-------------	-----------------------------	-------------------------------------------------------------------------------------------------------------------------------------	---	--	--	--	--	--	--	--	--	--	--	--

The hedgerow condition assessment generates a weighting (score) ranging from 1 - 3, which is used within the Statutory Biodiversity Metric. The scores for each are set out in the tables below.

tables below.		
Condition cate	egories for hedgerows without trees	
Category	Category Requirements	Metric Score
Good	No more than 2 failures in total; AND No more than 1 failure in any functional group.	3
Moderate	No more than 4 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and C2 = Moderate condition).	2
Poor	Fails a total of more than 4 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	1
	Score achieved:	Poor
Condition cate	egories for hedgerows with trees	
Category	Category Requirements	Metric score
Good	No more than 2 failures in total; AND No more than 1 failure in any functional group.	3
Moderate	No more than 5 failures in total; AND Does not fail both attributes in more than one functional group (for example, fails attributes A1, A2, B1, C2 and E1 = Moderate condition).	2
Poor	Fails a total of more than 5 attributes; OR Fails both attributes in more than one functional group (for example, fails attributes A1, A2, B1 and B2 = Poor condition).	1
	Score achieved:	1- Poor

Suggested enhancement interventions to improve condition score

Footnotes

Footnote 1 - DEFRA (2007) Hedgerow Survey Handbook. A standard procedure for local surveys in the UK. [online] Available on: layout (hedgelink.org.uk)

Footnote 2 - STALEY, J.T. ET AL. (2020) Definition of Favourable Conservation Status for Hedgerows. [online] Available on:

Definition of Favourable Conservation Status for Hedgerows - RP2943 (naturalengland.org.uk)

Footnote 3 - Wildlife and Countryside Act 1981 (as amended).

Footnote 4 – CHEFFINGS, C. M. et al. (2005) The Vascular Plant Red Data List for Great Britain. Species Status 7: 1-116. [online] Available on:

The Vascular Plant Red Data List for Great Britain (Species Status No. 7) | JNCC Resource Hub

Footnote 5 - BOTANICAL SOCIETY OF BRITAIN AND IRELAND (BSBI). Definitions: wild, native or alien? [online] Available on:

Definitions: wild, native or alien? - Botanical Society of Britain & Ireland (bsbi.org)

Footnote 6 – BSBI and Biological Records Centre (BRC) (2022) Online Atlas of the British and Irish Flora. [online] Available on:

Acknowledgements | Online Atlas of the British and Irish Flora (br.c.ac.uk)

Footnote 7 – GB NON-NATIVE SPECIES SECRETARIAT (GBNNSS) (2022) Available on:

Home » NNSS (nonnativespecies.org)

Footnote 8 – See gov.uk standing advice on ancient and veteran trees. Available from:

Keepers of time: ancient and native woodland and trees policy in England (publishing.service.gov.uk)

and

Ancient woodland, ancient trees and veteran trees: advice for making planning decisions - GOV.UK (www.gov.uk)

Wa Wa Wa Wa Wa Wa Wa Lo	A Habitat Classific coodland and fores coodland and fores		trypes d yew woodland ciduous woodland ands voodland woodland roadleaved nixed s											
	<u>hab – UK Habitat C</u> is condition sheet i	<u>Classification</u> is based on the England	l Woodland Biodiversit	y Group (EWBG) Woo	dland C	ondition	Survey	Method	, availab	le here:				
	oodland Wildlife To						,							
not rer O n	t equivalent to, nor moval of EWBG Inc n-site or off-site,	odiversity metric woodla are they comparable w dicator 7 (Proportion of On-site and off-site	ith the scores from the	EWBG condition assertion and woodland) and 04/05/24 and	essment Indicato	, becaus	e the EV e of woo	WBG as odland),	sessme	nt has b	een ada	pted for	the biod	
	e name and		Surveyor name	05/05/24 SB	W1									
		N/A	O	N/A	Grid re	ference								
ар	nitations (if plicable)		Survey reference (if relating to a wider survey)		Beech Woodl and									
Со	ndition Assessm	ent Criteria												Netes (s
Inc	dicator	Good (3 points)	Moderate (2 points)	Poor (1 point)		per indi	cator							Notes (such as justification)
A	Age distribution of trees	Three age-classes ¹ present.	Two age-classes ¹ present.	One age-class ¹ present.	2									
В	Wild, domestic and feral herbivore damage	No significant browsing damage evident in woodland ² .	Evidence of significant browsing pressure is present in less than 40% of whole woodland ² .	Evidence of significant browsing pressure is present in 40% or more of whole woodland ² .	1									
С	Invasive plant species	No invasive species ³ present in woodland.	Rhododendron Rhododendron ponticum or cherry laurel Prunus laurocerasus not present, and other invasive species ³ <10% cover.	Rhododendron or cherry laurel present, or other invasive species³ ≥10% cover.	3									
D	Number of native tree species	Five or more native tree or shrub species ⁴ found across woodland parcel.	Three to four native tree or shrub species ⁴ found across woodland parcel.	Two or less native tree or shrub species ⁴ across woodland parcel.	2									
E	Cover of native tree and shrub species	>80% of canopy trees and >80% of understory shrubs are native ⁵ .	trees and 50 - 80% of	<50% of canopy trees and <50% of understory shrubs are native ⁵ .	3									
F	Open space within woodland	10 - 20% of woodland has areas of temporary open space ⁶ . Unless woodland is <10ha, in which case 0 - 20% temporary open space is permitted ⁷ .	21 - 40% of woodland has areas of temporary open space ⁶ .	<10% or >40% of woodland has areas of temporary open space ⁶ . But if woodland <10ha has <10% temporary open space, please see Good category ⁷ .	3									

_					14					ı		
G	Woodland regeneration	All three classes present in woodland ⁸ ; trees 4 - 7 cm Diameter at Breast Height (DBH), saplings and seedlings or advanced coppice regrowth.	One or two classes only present in woodland ⁸ .	No classes or coppice regrowth present in woodland ⁸ .								
н	Tree health	Tree mortality 10% or less, no pests or diseases and no crown dieback ⁹ .	11% to 25% tree mortality and or crown dieback or low- risk pest or disease present ⁹ .	Greater than 25% tree mortality and or any high-risk pest or disease present ⁹ .	3							
I	Vegetation and ground flora	Recognisable NVC plant community ¹⁰ at ground layer present, strongly characterised by ancient woodland flora specialists.	Recognisable woodland NVC plant community ¹⁰ at ground layer present.	No recognisable woodland NVC plant community ¹⁰ at ground layer present.	2							
J	Woodland vertical structure	Three or more storeys across all survey plots, or a complex woodland 11.	Two storeys across all survey plots ¹¹ .	One or less storey across all survey plots ¹¹ .	1							
ĸ	Veteran trees	Two or more veteran trees ¹² per hectare.	One veteran tree ¹² per hectare.	No veteran trees ¹² present in woodland.	1							
L	Amount of deadwood	50% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, branch stubs and stumps, or an abundance of small cavities ¹³ .	Between 25% and 50% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities ¹³ .	Less than 25% of all survey plots within the woodland parcel have deadwood, such as standing and fallen deadwood, large dead branches and or stems, stubs and stumps, or an abundance of small cavities ¹³ .	2							
М	Woodland disturbance	No nutrient enrichment or damaged ground evident ¹⁴ .	Less than 1 hectare in total of nutrient enrichment across woodland area, and or less than 20% of woodland area has damaged ground ¹⁴ .	1 hectare or more of nutrient enrichment, and or 20% or more of woodland area has damaged ground ¹⁴ .	1							
				out of a possible 39)	25							
	ndition Assessm		Condition Assessme	ent Score	Result	Achieve	d					
-	tal score >32 (33 to	0 39)	Good (3)									
\vdash	tal score 26 to 32	- 25)	Moderate (2)		Υ							
	tal score <26 (13 to		Poor (1)	coro	L'							
Su	ggested ennance	ment interventions to	improve condition so	ore -								



Appendix B - Headline Results

rades Woodland Park - Detailed Application	Return to				
Headline Results	results menu				
Scroll down for final results 🛦					
		Habitat units	58.34		
On-site baseli	ne	Hedgerow units	0.62		
		Watercourse units	0.00	<u> </u>	
On-site post-interv	rention	Habitat units	47.58		
(Including habitat retention, creation &		Hedgerow units Watercourse units	0.00		
		Habitat units	-10.76	-18.44%	O
On-site net char	nge	Hedgerow units	1.07	171.91%	On-site net gain is less than target s
(units & percentage)	3	Watercourse units	0.00	0.00%	
		Habitat units	0.00	Ī	
Off-site baseli	ne	Hedgerow units	0.00		
		Watercourse units	0.00		
Off -:+ + :+		Habitat units	0.00		
Off-site post-interv (Including habitat retention, creation &		Hedgerow units	0.00		
(incidentity habitat retention, creation of	emancementy	Watercourse units	0.00		
Off-site net cha	nga	Habitat units	0.00	0.00%	
(units & percentage)	iige	Hedgerow units Watercourse units	0.00	0.00%	
		watercourse units	0.00	0.00%	
G 11 1	1	Habitat units	-10.76	Ī	
Combined net unit		Hedgerow units	1.07		
(including all on-site & off-site habitat retention,	reation & ennancement)	Watercourse units	0.00	ļ	
		Habitat units	0.00		
Spatial risk multiplier (SRM	deductions	Hedgerow units	0.00		
		Watercourse units	0.00	l	
I	INAL RESULTS				
				T	
Total net unit ch	ange	Habitat units	-10.76 1.07		
(Including all on-site & off-site habitat retention,	creation & enhancement)	Hedgerow units Watercourse units	0.00		
- · · · · · · · ·		Habitat units	-18.44%	Total net gai	in achieved is less than target set ▲
Total net % cha		Hedgerow units	171.91%		
(Including all on-site & off-site habitat retention,	reation & enhancement)	Watercourse units	0.00%		
		Watercoarse anno	0.0070	<u>l</u>	
Trading rules sati	sfied?	No - Check Tradin	g Summaries 🛦		
Unacceptable loss of irreplaceable habitat	recorded - no bespoke compen	sation for losses has been agr	ed A		
Unit Type Target	Baseline Units	Units Required	Unit Deficit		
Habitat units 10.00%	58.34	64.18	16.59		
Hedgerow units 10.00%	0.62	0.68	0.00	No additional ha	dgerow units required to meet target ✓

Input errors/rule breaks present in metric \blacktriangle