



# Hucking Estate

## Management Plan 2014-2019

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## THE WOODLAND TRUST

### INTRODUCTION

The Trust's corporate aims and management approach guide the management of all the Trust's properties, and are described on Page 4. These determine basic management policies and methods, which apply to all sites unless specifically stated otherwise. Such policies include free public access; keeping local people informed of major proposed work; the retention of old trees and dead wood; and a desire for management to be as unobtrusive as possible. The Trust also has available Policy Statements covering a variety of woodland management issues.

The Trust's management plans are based on the identification of Key Features for the site and setting objectives for their management. A monitoring programme (not included in this plan) ensures that these objectives are met and any necessary management works are carried out.

Any legally confidential or sensitive species information about this site is not included in this version of the plan.

### PLAN REVIEW AND UPDATING

The information presented in this Management plan is held in a database which is continuously being amended and updated on our website. Consequently this printed version may quickly become out of date, particularly in relation to the planned work programme and on-going monitoring observations. Please either consult The Woodland Trust website [www.woodlandtrust.org.uk](http://www.woodlandtrust.org.uk) or contact the Woodland Trust ([wopsmail@woodlandtrust.org.uk](mailto:wopsmail@woodlandtrust.org.uk)) to confirm details of the current management programme.

There is a formal review of this plan every 5 years and a summary of monitoring results can be obtained on request.

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## WOODLAND MANAGEMENT APPROACH

The management of our woods is based on our charitable purposes, and is therefore focused on improving woodland biodiversity and increasing peoples' understanding and enjoyment of woodland. Our strategic aims are to:

- Protect native woods, trees and their wildlife for the future
- Work with others to create more native woodlands and places rich in trees
- Inspire everyone to enjoy and value woods and trees

All our sites have a management plan which is freely accessible via our website [www.woodlandtrust.org.uk](http://www.woodlandtrust.org.uk). Our woods are managed to the UK Woodland Assurance Standard (UKWAS) and are certified with the Forest Stewardship Council (FSC) through independent audit. In addition to the guidelines below we have specific guidance and policies on issues of woodland management which we review and update from time to time.

We recognise that all woods are different and that the management of our sites should also reflect their local landscape and where appropriate support local projects and initiatives. Guidelines like these provide a necessary overarching framework to guide the management of our sites but such management also requires decisions based on local circumstances and our Site Manager's intimate knowledge of each site.

The following guidelines help to direct our woodland management:

1. Our woods are managed to maintain their intrinsic key features of value and to reflect those of the surrounding landscape. We intervene when there is evidence that it is necessary to maintain or improve biodiversity and to further the development of more resilient woods and landscapes.
2. We establish new native woodland using both natural regeneration and tree planting, but largely the latter, particularly when there are opportunities for involving people.
3. We provide free public access to woods for quiet, informal recreation and our woods are managed to make them accessible, welcoming and safe.
4. The long term vision for our non-native plantations on ancient woodland sites is to restore them to predominantly native species composition and semi-natural structure, a vision that equally applies to our secondary woods.
5. Existing semi-natural open-ground and freshwater habitats are restored and maintained wherever their management can be sustained and new open ground habitats created where appropriate.
6. The heritage and cultural value of sites is taken into account in our management and, in particular, our ancient trees are retained for as long as possible.
7. Woods can offer the potential to generate income both from the sustainable harvesting of wood products and the delivery of other services. We will therefore consider the potential to generate income from our estate to help support our aims.
8. We work with neighbours, local people, organisations and other stakeholders in developing the management of our woods. We recognise the benefits of local community woodland ownership and management. Where appropriate we allow our woods to be used to support local woodland, conservation, education and access initiatives.
9. We use and offer the estate where appropriate, for the purpose of demonstration, evidence gathering and research associated with the conservation, recreational and sustainable management of woodlands. In particular we will develop and maintain a network of long-term monitoring sites across the estate.
- 10 Any activities we undertake will conform to sustainable forest management principles, be appropriate for the site and will be balanced with our primary objectives of enhancing the biodiversity and recreational value of our woods and the wider landscapes.

## SUMMARY

This public management plan briefly describes the site, specifically mentions information on public access, sets out the long term policy and lists the Key Features which drive management actions. The Key Features are specific to this site - their significance is outlined together with their long (50 year+) and short (5 year) term objectives. The short term objectives are complemented by a detailed Work Programme for the period of this management plan. Detailed compartment descriptions are listed in the appendices which include any major management constraints and designations. A short glossary of technical terms is at the end. The Key Features and general woodland condition of this site are subject to a formal monitoring programme which is maintained in a central database. A summary of monitoring results is available on request.

## 1.0 SITE DETAILS

<b>Site name:</b>	Hucking Estate
<b>Location:</b>	Hollingbourne
<b>Grid reference:</b>	TQ843575, OS 1:50,000 Sheet No. 188
<b>Area:</b>	281.71 hectares (696.12 acres)
<b>Designations:</b>	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Site of Local Nature Conservation Importance, Tree Preservation Order

## 2.0 SITE DESCRIPTION

### 2.1 Summary Description

This large and engaging site offers a mix of ancient woodland, planted secondary woodland and open grassland; together with woodland archaeology remains, wonderful walks, interesting wildlife and breath-taking views - set in the Kent Downs Area of Outstanding Natural Beauty. The Hucking Estate is one of our Top Ten bluebell woods. If you'd like to visit and see a superb bluebell display, check our live map for bluebells at [www.naturescalendar.org.uk](http://www.naturescalendar.org.uk) as flowering times do vary around the UK. However, mid-April to early-June is usually an ideal time for most woods.

## 2.2 Extended Description

Hucking Estate (234.66 hectares) is located around the village of Hucking, 15.2km (9.4 miles) north east of Maidstone, Kent, and is situated on the North Downs where there are extensive views from the escarpment edge across the Weald. Hucking Estate is also within the Kent Downs Area of Outstanding Natural Beauty. It was the largest property bought by The Woodland Trust in England at the time in 1997.

Hucking Estate is a mixture of 31% ancient woodland (72.9ha), 45% woodland creation or secondary woodland (106.51ha) and 24% open land mostly grazed by sheep (55.25ha). Large scale woodland creation was started in 1998 to establish new woodlands around the ancient woodland and to link up isolated small ancient woodlands as part of a long term landscape restoration project. At the same time a number of new hedgerows were established along previous field boundaries. This restoration project radically changed the landscape when at the time of purchase Hucking Estate contained only ancient woodland (72.9ha) and intensively farmed arable (161.76ha). The restoration project was proposed as Hucking Estate, along with many similar farmland landscapes on the North Downs, had suffered from the ever intensive farming practices of the 1960's to 1980's where woodlands and hedges were sacrificed to create a greater area of farmed land. Hucking Estate itself had approximately 25ha of woodland removed between 1870 and 1997, with the bulk of this removed since 1961.

The ancient woodland areas are a mixture of oak standards with mixed broadleaved coppice areas of hornbeam, field maple, ash and hazel, with some areas of pure sweet chestnut. There are also some fine specimens of small leaved lime and mature beech trees within the woodland which are approximately 200 years old. Bluebell and wood anemone are abundant within the ancient woodland areas with bramble, which is the expected flora for woodlands growing on clay with flints. Red campion, foxglove, lords and ladies, early purple orchid, primrose, rosebay willow herb and yellow archangel can also be found. Where the soils are thinner over the chalk on the valley sides there is a subtle change with a greater amount of ash, field maple and yew with dog's mercury in the ground flora. Part of the ancient woodland is managed by coppicing with the remainder being managed through minimal intervention to allow natural process to shape the habitat. There is a small area of the ancient woodland notified as a Local Wildlife Site.

Within the woodland creation areas we have 2 areas which are leased to Forest Research (FR). In one area FR is conducting research on the choice of tree species and different seed sources to combat the influences of climate change; a second area is part of the research to locate provenances of native ash trees which are resistant to the ash dieback fungus.

The site contains numerous sites of archaeological interest including an ancient Drove Road, chalkwells, marl pits and potential iron-ore workings.

Hucking Estate has a good network of permissive paths, public rights of way and a bridleway. There are 2 way-marked routes, the longer of the 2, the Landscape Trail enables the visitor to view a number of interpretation structures which adds to the visitor experience. There is also a way-marked link to and from the North Downs Way long distant path.

## 3.0 PUBLIC ACCESS INFORMATION

### 3.1 Getting there

By bus: The nearest bus stop is at Hollingbourne Church, approximately one and a half miles walk along road and footpaths to the closest entrance at Hucking. From Hollingbourne, the road climbs up a very steep hill onto the North Downs, but once at the top, the road to Hucking Estate is reasonably flat with some gentle inclines to negotiate. The walk will take approximately 35 minutes.

By train: The nearest railway station is at Hollingbourne - about a 35 minute walk away. For details of train services call 0871 200 22 33 or visit [www.traveline.org.uk](http://www.traveline.org.uk) Directions from the station: Take the path from the car park up the bank immediately opposite the old station building and turn right over the stile and join the public right of way. Follow this into the field and carefully cross the railway - using the kissing gates. Follow the public right of way straight ahead across the fields, heading towards Allington Farm at the foot of the Downs. On reaching the road (Pilgrims Way) turn left and then immediately right at the entrance to Allington Farm. Follow this track (which is part of the old Droeway) past the cottages and up onto the Downs. When you reach the top of the hill you will be at Hucking Estate.

By car: From Junction 7 of the M20 - take the A249 towards Sittingbourne for approximately 7.1 km (4.4 miles). Turn right following the brown tourist signs for Hucking Estate. Remain on this narrow road for approximately 3.2 km (2 miles) turning left onto Church Road opposite the Hook and Hatchet pub where there is parking available for visitors to the Hook and Hatchet. The Woodland Trust car park is a further 1.2 kms (0.75 mile) to the east of Hucking village on Church Road which has space for around twelve cars. This has a height restriction barrier at the entrance. From here, access to the woods can be gained via a kissing gate, where there is an information board and a leaflet dispenser.

OS Explorer 148, Landranger 188, TQ843575.

### 3.2 Access / Walks

There are 13 possible entrances into Hucking Estate, seven of them on Public Footpaths with pedestrian only kissing gates for access. The main entrance points are from the car park off Church Road, Hucking where an all access kissing gate leads onto the path network.

There are two way-marked trails to follow - a short one and a longer one. The short 'blue' route is just over a mile, takes approximately 30 minutes and starts from the Hook and Hatchet Inn where visitors can also park and gain entry on to the estate via an 'all access' kissing gate. The longer 'red route', known as The Landscape Trail, is just over 3 miles and takes around 1 ½ hours, starting from the Woodland Trust's car park.

The whole of the Hucking Estate is open access, and a network of permissive footpaths and Public Rights of Way enable visitors to wind their way through the mature woodland, new planting areas, and across the chalk grassland. A bridleway passes through the estate, accessed from a horse stile beside the Church at Hucking, to the track or Drove Road which links Colyers Went with Allington Farm on the Pilgrims Way.

All paths within the fields and the woodland are of unmodified grass and earth surface, which can get slippery and muddy when wet. The majority of the paths have gentle inclines and visitors may encounter cattle or sheep in the fields at various times during the year.

The North Downs Way National Trail also passes through Hollingbourne and the local area. For more details of this route and other walking opportunities, visitors can pick up a leaflet at Christopher's village shop in Hollingbourne or the Maidstone Tourist Information Centre on 01622 602169.

## 4.0 LONG TERM POLICY

In fifty years' time, Hucking Estate will be a resilient landscape retaining its ancient woodland and planted secondary woodland areas set amongst restored chalk grassland habitat. The woodland areas will contain a diverse structure providing a good range of different habitats typical of this native broadleaved woodland type. Within the ancient woodland and secondary woodland areas there will be a mosaic of actively coppiced areas interspersed amongst high forest managed through minimal intervention. Linking up the active coppice areas will be a wide ride habitat centred on some of the main tracks whose edges are coppiced on a short rotation.

Through the active management of selected coppiced areas within the ancient woodland and secondary woodland areas, habitat for a range of invertebrate, bird and mammal species, including woodland specialist species which rely on temporary open space, will be provided for. The areas of over mature coppice and the majority of secondary woodland areas will be managed through minimal intervention to allow natural processes to occur that in time will lead to diverse habitat structures. There will be an increase in the age of the trees and the accumulation of dead wood which will help to support a large range of invertebrates and fungi. In addition, as the trees senesce there will be an increasing prevalence of coppice stools splitting and falling apart. This will not only help to generate more deadwood but also allow the regeneration of an understory through increasing light levels. This is to be expected as a previously managed coppice woodland converts to a more semi natural woodland habitat through minimal intervention.

The presence of invasive trees and shrubs such as rhododendron and cotoneaster will continue to be monitored, although it is expected that in 50 years' time any active control will by then be minimal. Deer will undoubtedly be present at Hucking Estate in 50 years' time and their numbers will be monitored and controlled if numbers become too high so preventing the woodland from regenerating.

Although the site will retain its tranquil character, it will be visited by a moderate number of visitors each year who appreciate and respect walking in a wooded landscape with diverse habitats and archaeological features, along a well-maintained network of paths.

In this way the Woodland Trust's corporate objectives are achieved of a UK rich in native woods and trees, enjoyed and valued by everyone.

## 5.0 KEY FEATURES

The Key Features of the site are identified and described below. They encapsulate what is important about the site. The short and long-term objectives are stated and any management necessary to maintain and improve the Key Feature.

### 5.1 Ancient Semi Natural Woodland

#### Description

Hucking Estate is typical of ancient semi natural woodland (ASNW) growing on clay with flints over chalk bedrock supporting a tree, shrub and ground flora vegetation community of NVC (National Vegetation Community) W10, oak woodland with bramble and bracken and W8, ash, field maple woodland with dog's mercury. There are small areas which contain NVC W12, beech woodland with dog's mercury, W21, hawthorn and ivy scrub woodland and W25, bracken with bramble under scrub.

There is one area of woodland (Eastfield Wood) which is classified as Site of Nature conservation Interest (SNCI) as an example of mixed coppice woodland with standards which include some veteran small leaved lime trees. There are 2 other SNCI 's which are adjacent to Hucking Estate - Hollingbourne Downs and Gorham with Admiral Wood. The ancient woodland found at Hucking Estate sit within a collection of similar traditionally coppice managed woodlands on the North Downs. The ground flora within the ancient woodland is not especially diverse although there are good displays of bluebell and wood anemone in spring. 10 BAP species of bird have been recorded (bullfinch, hawfinch, lapwing, linnets, marsh tit, starling, song thrush, skylark, tree pipit, turtle dove) as well as 21 species of butterfly such as white admiral, orange tip, red admiral, marbled white, small heath, purple hairstreak and a county important species the silver-washed fritillary. A small area of rhododendron in cpt.3e was eradicated in 2000.

Some ASNW areas at Hucking Estate were planted up with sweet chestnut during the 18th century with retained oak standards. The majority of the coppice areas which were not converted to sweet chestnut still contain the native mixed broadleaved species dominated by ash, hornbeam, hazel and birch with invading sycamore. Historically, the ASNW at Hucking Estate and in the neighbouring estates and woods such as Gorham with Admiral Wood were managed as coppice with standards for 100's of years, so providing a network of temporary open space habitat. Since Woodland Trust ownership in 1997, the ASNW has been managed to provide a broader range of habitats of coppice (44%), high forest (15%) and minimal intervention (41%) areas.

A network of managed wide rides in Smokes Wood and Bolton's Wood (Cpt 3) provides additional temporary open ground and scrub habitats, being managed by short-rotation coppicing and mowing. These wide rides link up the areas under coppice management with the semi natural open space habitats and woodland creation areas.

Throughout the ASNW there are relics of human disturbance as recorded in the archaeological survey carried out by Dr. Nicola Bannister (1998). Features such as chalk pits, shallow quarrying sites and ancient boundaries or woodbanks have been recorded.

Ash dieback (*Chalara fraxinea*) was discovered within the ASNW in 2013 most obviously seen affecting young natural regeneration.

The management of works within the ASNW is granted aided through the Forestry Commission's England Woodland Grant Scheme (EWGS).

### Significance

Ancient semi-natural woodland (ASNW) is a dwindling and irreplaceable habitat and as such all remnants of ancient woodland needs to be protected from further loss. On the North Downs the ASNW areas are predominately situated within an intensive farmed (arable) landscape, with little habitat connectivity. This has been reversed at Hucking Estate to produce a better connected landscape, with areas of ASNW buffered and linked by woodland creation. Protection of ASNW is a key objective of the Woodland Trust. The accumulative total of 72.9ha of ancient semi-natural woodland in Woodland Trust ownership at Hucking Estate is significant particularly now that it is set within a connected landscape which is being managed sympathetically for the benefit of biodiversity.

### Opportunities & Constraints

#### Opportunity:

To use this site as a demonstration site linked to landscape scale management/restoration and resilient wooded landscapes. To enable Forest Research and other external organisations to use the site for research

#### Constraints:

A small part of Hucking Estate is bounded by arable farmland which is currently being actively farmed and thus there is no opportunity to link to other woods or other semi-natural habitats from this part.

The clay soils which become wet in winter time and the European Protected Species status of dormouse, which are assumed to be present, restricts the seasons in which active management work can be accomplished.

Ash dieback fungus will have a probable long term effect on the wood through killing ash trees.

### Factors Causing Change

Invasive rhododendron, cotoneaster, deer damage

### Long term Objective (50 years+)

The long term objective is to achieve a resilient woodscape and structural diversity with actively managed coppice and retained standards allowed to become veteran trees, a managed ride network and areas left to develop by natural processes all well represented within this woodland.

Areas to coppice during particular plan periods will be dictated by their rotation age and their condition as a result of windblow and tree disease. The aim is to achieve a diverse age range of actively coppiced areas covering 32.4ha connected by a maintained wide ride habitat set within a matrix formed of managed high forest over 10.7ha and over mature coppice covering 29.8ha where natural processes will be allowed to shape the habitat. This will result in some of the coppice stools collapsing and splitting apart. This latter habitat will be showing the development of more naturalised woodland characteristics with a broader age range of trees through increasing amounts of regeneration, a developing woody shrub layer and the proportion of standing and fallen deadwood will be increasing.

To maintain this diverse habitat to ensure survival of a healthy and secure ground flora with appropriate deer numbers. The presence of threatening invasive species to be absent or minor with containment and eradication work as necessary.

### Short term management Objectives for the plan period (5 years)

The short term objective is to contribute towards the creation/ maintenance of structurally diverse woodland within a resilient woodscape through coppicing, thinning, ride management and the removal of exotic invasive species if present. This will be achieved through:

- Coppicing

Approximately 5.5ha of mixed broadleaved coppice to be felled through the plan period (2.8ha in 2014, 0.9ha in 2017, 1.8ha in 2018) felling coppice cants 1j2, 2d9, 3c2, 3e7, 3f1, 3f2. The retention of standards within the areas coppiced and the recruitment of “new” standards will occur at a density of approximately 8-12 trees per acre (20-30 per ha). Standards are to be a mixture of long term species (oak, hornbeam, wild cherry). Adjacent cants will not be cut until the coppice regrowth has reached a minimum of 2m in height with successful regrowth of cut stools, supplemented with natural regeneration of tree species to maintain an adequate stocking density where coppice stools have died of no less than 1100 stems per hectare.

- Ride edge management

During the plan period a 3 zone wide ride habitat with short rotation coppiced edges is to be maintained along approximately 4.2km of rides maintaining pinch points where designated. There will be an annual programme of works to cut the vegetation within the 3 zones with zone 1 areas cut annually, zone 2 areas cut on a rotation of 3-5 years, and zone 3 areas cut on a rotation of 10-12 years, and all cut in a piecemeal fashion. This will accentuate the woodland edge habitat providing valuable temporary open space coppice habitat.

- Thinning

In 2016 within cpt.3d, approximately 2.4ha of previously thinned and over mature coppice to receive a further thinning operation to encourage structural diversity through the development of regeneration, woody shrubs and ground flora. To also encourage diversity within the trees retained by keeping a mixture of species and where possible different diameters/heights and age and retaining some trees which exhibit character.

## 5.2 Secondary Woodland

### Description

Since 1997, approximately 106.61 ha of secondary woodland has been established, mostly by planting, with the majority (approximately 75ha) established between 1998 and 1999. Species included pedunculate oak, hornbeam, wild cherry, sweet chestnut, beech, ash, field maple, hawthorn, hazel, whitebeam and yew, with the planting located alongside ASNW's to buffer them and also to link up small isolated areas of ASNW. Three main woodland types have been planted to mimic W8, W10 and W12 woodland according to the National Vegetation Classification (NVC). Within the planting design, open rides and glades were left in strategic places to add to the diversity and interest of these new wooded areas. Funding was secured from the Forestry Commission through their woodland creation grants for all the areas planted with trees since 1998.

The legacy of intensively managed arable farm soils with altered soil parameters of P, K, Mg, N, C (phosphorus, potassium, magnesium, nitrogen, carbon) and pH status compared to ASNW and undisturbed soils have caused minor effects on tree growth. The planted trees particularly of oak, small leaved lime and hornbeam have tended to fair better closer to the margins of existing mature ASNW where the pH values are lower and soil nutrients are more favourable. In addition, natural regeneration of tree species within the planted areas is now forming a significant component of the species composition. This is particularly so where the planting is adjacent to mature ASNW and downwind of them, and where canopy closure by the planted species has shaded out the competing grassy vegetation so allowing seedlings to develop more easily. Repeat surveys to monitor the changes should occur at 10 year intervals.

Two other long term monitoring projects have been set up by Forest Research which continues to be monitored for results. In 2011 a 1.96ha species trial plot containing oak, wild cherry and ash was planted to assess whether native tree species can be given a 'helping hand' in adapting to a warmer climate by mixing local trees with those from European provenances of the same species. In 2013, a 2ha plot was planted with different UK provenances of ash to see if there were any provenances or individual trees which show a resistance to ash dieback fungus (*Chalara fraxinea*).

### Significance

New native planting of this kind increases the area of native woodland in an area of the country with intensive developmental pressures (road construction, channel tunnel rail link etc.)

It gives native species of animal, insect and plants new environments and habitats in which to exist. Through establishing secondary woodlands next to ASNW habitats, this is designed to make the ASNW more robust in the face of climate change by buffering the core ancient woodland areas as well as helping to join up isolated blocks of woodland to form bigger woods and to provide a more connected landscape.

### Opportunities & Constraints

**Opportunities:**

A long term monitoring project on soils and vegetation was started in 2000 to measure the changes in soil chemistry and PH to see the affects these have on tree growth and also survey the change in ground flora following woodland creation on arable land within 50no, 8x12.5m plots (in cpt.4a) and compare these with 25no similar sized control plots within the neighbouring ancient woodland (in cpt.3b). There will be an opportunity to publish the findings in forestry and scientific journals once a clear trend in the results has been picked up.

Forest Research have access to Hucking Estate and have established 2 tree planting trial plots which is an opportunity for the Woodland Trust to contribute towards the results of these trials.

To create the last significant areas of secondary woodland on former arable land during this plan period through tree planting and by utilising natural regeneration over 12.4ha.

**Constraints:**

The extent and the design of tree planting have been subject to Environment Impact Assessments (EIA) and considerations for landscape character through the North Downs AONB's management plan.

New native woodlands or secondary woodlands are species poor for 100's of years compared to ASNW areas, particularly if ASNW is not adjacent to new plantings.

Tree disease and in particular ash dieback.

**Factors Causing Change**

Invasive cotoneaster, deer damage, rabbit damage, squirrel damage

**Long term Objective (50 years+)**

The purpose of creating secondary woodlands is to increase the wooded area of Hucking Estate. Secondary woodland is placed around existing ancient woodlands as a buffer habitat and as a way of linking up small ancient woodland blocks to form larger and more contiguous woodlands. To achieve structural diversity within the planted woodland areas and thereby increase the biodiversity interest. This will be achieved by the following:-

- Retaining significant areas under minimal intervention
- Creating new regularly coppiced areas (with standards) to provide temporary open ground and scrub habitats
- Manage as high forest
- Ride side management.

Areas to coppice during particular plan periods will be dictated by their age, with conversion from a "single stem plantation" to multiple stem coppice occurring when the trees are 12-15 years of age. The aim is to achieve a diverse age range of actively coppiced areas connected by a maintained wide ride habitat which links up areas under coppice management within all woodland areas across the site.

Secondary woodland managed by minimum intervention will be showing the development of semi natural woodland characteristics with increasing signs of regeneration and a developing woody shrub layer. The proportion of standing and fallen deadwood within the secondary woodland will be increasing. Periodic interventions through thinning maybe necessary to encourage the development of an understory.

To maintain this diverse habitat to ensure survival of a healthy and secure ground flora as it develops with low deer numbers. The presence of threatening invasive species to be absent or minor with containment and eradication work as necessary.

Through the long term monitoring projects to be able to add to the scientific knowledge through the results produced from the onsite plots.

### **Short term management Objectives for the plan period (5 years)**

The short term objective is to contribute towards the creation/ maintenance of structurally diverse woodland as part of a resilient woodscape through coppicing, thinning, ride management, the removal of invasive species (if present), planting new areas and maintaining recently planted areas. This will be achieved by:

- Coppicing

In 2017 approximately 0.28ha of "single stem plantation" is to be felled in cant 2i2 and similarly in 2018, 0.8ha from cant 3e1 to create mixed broadleaved coppice as temporary open space habitat. The retention of standards within the areas coppiced will occur at a density of approximately 8-12 trees per acre (20-30 per ha). Standards are to be a mixture of long term species (oak, hornbeam, wild cherry). Adjacent cants will not be cut until the coppice regrowth has reached a minimum of 2m in height with successful regrowth of cut stools, supplemented with natural regeneration of tree species to maintain an adequate stocking density where coppice stools have died of no less than 1100 stems per hectare.

- Ride edge management

During the plan period a 3 zone wide ride habitat with short rotation coppiced edges is to be maintained along approximately 0.5km of rides in cpt.4a to correspond with similar work in the adjacent ASNW habitat. There will be an annual programme of works to cut the vegetation within the 3 zones with zone 2 areas cut on a rotation of 3-5 years, and zone 3 areas cut on a rotation of 10-12 years, and all cut in a piecemeal fashion. This will accentuate the woodland edge habitat

providing valuable temporary open space coppice habitat.

- Woodland creation

During 2014 tree planting to occur in cpt. 1a (6.92ha), cpt. 1d (1.18ha), cpt. 1e (2.00ha); during 2015 in cpt. 2i (2.30ha) all to achieve a stocking of no less than 1600 stems per hectare to comply with Forestry Commission grant funding. All woodland creation to be protected from rabbit browsing damage by boundary rabbit fencing.

In 2016 a second ash provenance trial site is to be established in the northwest of cpt. 4a. This trial will be testing ash trees that had, pre ash-dieback, been part of an "elite" tree selection programme, selection being on form, growth rates and timber quality, run by the Future Trees Trust.

- Maintenance of woodland creation areas

For all the areas of woodland creation established in 2012/13 in 1a (6.60ha), 1g (0.55ha), 4b (0.55ha), 2j (0.78ha) and 2e (3.06ha); in 2014 cpt. 1a (4.92ha), cpt. 1d (1.18ha), cpt. 1e (2.00ha); in 2015 cpt. 2i (2.30ha), all trees will be maintained for up to 3 years by chemically weeding a metre diameter area around them up to twice a year if needed during the first 2 years followed by a single application in the 3rd year, plus mowing lank vegetation and noxious weeds once during the summer months and replacing any trees which die over 3 winters.

In 2014 all the ash planted in 2012/13 will be replaced with mixed broadleaves due to the recent threat of ash dieback fungus. (Ash will no longer be planted in woodland creation areas).

In 2014 to remove 7,825 metres of old rabbit fencing and dispose off-site.

- Survey and understand the changing woodland structure

To resurvey the long term monitoring project on soils and vegetation within cpt. 3b/d and 4a with an assessment of tree growth and ground flora content in 2015.

To continue to permit Forest Research access to their species trial plot on climate change and their ash provenance plots researching into resistance to ash dieback fungus.

## 5.3 Informal Public Access

### Description

Hucking Estate is classified by The Woodland Trust as a category A site, where we are expecting a high level of public access (15-20 visitors using one entrance every day) and a site which is important for demonstrating our corporate objectives.

The public have access to the wood from 2 main formal access points - from the Woodland Trust car park off Church Road and from an entrance beside the Hook and Hatchet Pub, also off Church Road. There are also 11 other access points off the public highway or by Public Rights of Way, including the North Downs Way long distance path. All the entrances lead the visitor onto an extensive path network through Hucking Estate. There are two way marked trails; the longer of the two, the Landscape Trail (4.1km) starts from the Woodland Trust car park, and a shorter trail (1.7km) starts from the entrance beside the Hook and Hatchet pub. The paths can become very muddy with high use during the wet winter months.

Hucking Estate is well used by mainly dog walkers during the daytime and serves communities from Hollingbourne, Leeds, Maidstone and others from further afield.

The Visitor Improvement Project (VIP) 2012-2014 enabled improvements to be made to the visitor experience. These included installing brown tourist signs off the A249 to help promote the site's position and how to get to it; better signage and interpretation with 5 timber structures laid out around the 2 way marked trails, educational resources tailored to Key Stage 3, seasonal walk sheets to aid visitors with young families and a revised site leaflet.

Horse riders have access along permissive routes operated through Toll Rides Off-Road Trust which link to public highways.

### Significance

Public access to this woodland helps fulfil one of the Woodland Trust's corporate objectives, to "Inspire everyone to enjoy and value woods and trees". It enables access to a landscape containing significant areas of ASNW of great variety and interest set amongst open grazed fields and gives an opportunity for the Woodland Trust to promote the message of ancient woodland habitats and the importance of its protection. There are extensive views within the site and out of the site south across the central Weald of Kent and north towards the Medway estuary.

The North Downs Way which passes along the southern boundary has since 2013 had a way-marked detour in place This gives walkers the opportunity to walk onto the Hucking Estate to the view point for a better view than if following the original North Downs Way route.

### Opportunities & Constraints

**Opportunities:**

This is a large Woodland site with potential to expand the types of user groups who currently visit this site, greatly helped by the fantastic display of spring flowers which could help attract more visitors to the site.

To be able to use the land as a resource for education and public engagement.

As a demonstration site for our woodland management approach.

As an opportunity to engage with the public on the benefits of woodland creation on a large scale.

The facilities offered by the Hook and Hatchet pub are a great asset for Hucking Estate and through advertising events at the pub will widen the audience who learn about the Woodland Trust and what the Woodland Trust can offer.

To expand the permissive path network in the northwest of the site to a recent woodland creation area near to the pub.

**Constraints:**

The clay with flint soil tends to make winter walking muddy and slippery on well used paths.

Some parts of the permissive path network contain slopes down into and out of the dry valley.

None of the permissive paths have any surfacing which makes wheel chair access difficult.

The road network within the area to access the Hucking Estate is mostly single track and twisty narrow lanes not suitable for high volumes of traffic or for large vehicles or coaches.

**Factors Causing Change**

Fly Tipping, anti-social behaviour

**Long term Objective (50 years+)**

A well established and safe network of paths for informal public access throughout Hucking Estate where responsible visitors can appreciate and respect this wood with its different habitats, archaeological and wildlife interest. The visitor numbers to be in line with its category A status with provision for parking on site in a car park. The provision of way marked routes, interpretation structures, a site leaflet and information boards to be available on site if required.

**Short term management Objectives for the plan period (5 years)**

During this plan period, the short term objective is to continue to provide public access at Hucking Estate which is safe and enjoyable. How this will be achieved:

- Path mowing

14.4km (8.9 miles) of paths will be maintained to allow continued access across the whole site for pedestrians by mowing as appropriate during the summer months. Horse access along 2 permissive routes 2.9km (1.8 miles) will also be maintained by mowing and cutting back tree growth interfering with the route as necessary during the plan period.

In 2015 to install a new all access kissing gate and related post and rail fencing at the existing access off Church Road near the junction with Pond Farm Lane so as to formalise the public access onto a new network of paths within cpt. 1a. An additional new all access kissing gate is to be installed to access the actual woodland creation area and its new path network.

- Monitoring of antisocial behaviour

To monitor the car park and the surrounding woodland for signs of antisocial use and liaise with Kent Police when this occurs to try and prevent it from reoccurring. The vegetation around the car park to be kept short during the summer months linked to the path cuts.

- Annual inspections

Annual inspection of all gates, way marker posts, interpretation structures and constant monitoring of path and car park surfaces.

- Site based information and enjoyment

Provision of a site leaflet from a dispenser at the Woodland Trust car park off Church Road and at the Hook and Hatchet pub. This site leaflet to be revised and with a small print run completed in 2014 and a further revision and printing to take place in 2015 once the last woodland creation is completed. Revision and reprinting of all information boards on site to occur in 2015 for the same reason.

- On the Woodland Trust website to maintain and review when necessary educational material for Key Stage 3 students, seasonal walk sheets and the video tour housed on the microsite for Hucking Estate. To review the state of the sculptures on the Landscape Trail at the end of the plan period.

- Tree safety

Annual Zone A tree safety inspection. Fungal survey to be carried out once in every 24 month period in the autumn with a summer survey in between to check trees' crowns.

Zone B tree safety inspections are to be carried out every 4 years. Arboriculture work to be carried out when necessary.

- Site boundary management

The hedges along the public road is to be flailed in November/December each year to ensure there is no interference with users of the highway year; where applicable that there is a minimum height clearance above the full width of the highway to 5.1m.

To liaise and work with the tenants of the Hook and Hatchet pub to enhance the public's vision of the estate.

## 5.4 Semi Natural Open Ground Habitat

### Description

The semi-natural open ground areas are fields which were converted from arable land to native grassland in 1999 through sowing native grass seed mixtures. This habitat covers 55.25ha of which 49.95ha is managed through grazing and 5.30ha managed through mechanical cutting. Grant funding from the Countryside Stewardship Scheme and on-going funding through DEFRA with their Entry Level Scheme ELS have helped towards the conversion and maintenance costs of this project. No artificial or organic fertilisers have been applied to this habitat since their conversion from arable to grassland. These areas are situated on the escarpment of the North Downs, within the dry valley and in the northern area of Hucking Estate north of Church Road. The dry valley is a typical landscape feature of the North Downs AONB often without woodland and grazed by livestock, and this feature has been restored at Hucking Estate.

The grass swards still show immaturity in terms of their sward content due to their high soil nutrient status following decades of arable farming. There are however certain “hot spots” within the fields west and north of Hucking village within the dry valley. These areas match with some of the most species rich MG5 grassland sub-communities of meadow vetchling (*Lathyrus pratensis*) and lady’s bedstraw (*Galium verum*) and are to be found on the banks to the valley where historical intensification and cultivation was presumably too difficult to achieve. As well as being species rich, these specific areas and the surrounding field they are in support a high number of invertebrate and bird species. 7 BAP bird species have been recorded within the semi-natural open space habitat: grey partridge, turtle dove, skylark, song thrush, linnet, bullfinch, corn bunting.

1.6 km of new hedges were planted along known historical boundaries within the farmed landscape and along certain road edge boundaries.

30 individual trees were planted in 2011 across this habitat each within a post and rail stockade to replace trees lost to the previous intensive agricultural use.

### Significance

Species diversity is much greater in semi natural grassland areas than in intensively farmed areas. With 68% of farmland in Kent managed fairly intensively, any land managed in a more sympathetic manner is a bonus for wildlife.

Semi-natural habitats particularly grassland have suffered considerable losses in the 20th Century, and any opportunity to create such a habitat should have significant benefits for wildlife.

### Opportunities & Constraints

#### Opportunities:

Through less intensive land use there is an opportunity to create greater biodiversity with a more diverse range of insects and birds reliant on this habitat through enforced rotational and phased grazing .

More “trees outside woodlands” could be planted.

#### Constraints:

Phased grazing is less attractive for commercial stock owners, with the added risk of pernicious and noxious weeds becoming established.

### Factors Causing Change

Over grazing/ timing, ragwort, excessive scrub development.

### **Long term Objective (50 years+)**

In the long term the semi natural open ground habitat as part of the resilient woodscape will have a rich and diversified sward managed through rotational grazing and cutting. Successional scrub growth should be allowed to develop especially around the edges of the fields adjacent to woodland areas and to cover no more than 10% of this habitat. Trees outside woodlands should provide additional tree cover for the benefit of biodiversity and should number approximately 100. To link this habitat with the temporary open ground habitat with the ASNW through the wide rides. The majority of the internal hedges to be allowed to mature uncut and to form small shaws so linking habitats across the fields. Where internal views are important hedges will be maintained through mechanical flailing and when considered necessary by laying them to improve their structure.

### **Short term management Objectives for the plan period (5 years)**

The Short-term objective is to maintain/ enhance the diversity of the sward of the semi-natural grassland (sub-compartments 5a, 5b, 5c and 5d). This will be achieved through a combination of grazing and mechanical cutting. Diversity will also be encouraged through successional scrub growth on the field margins beside hedges and woodland areas.

- Grazing: Grazing is the primary management tool for maintaining the open grassland habitat. During the plan lifetime stocking levels, rotational grazing, timings for grazing between April and October and years when fields are rested will be reviewed to prevent over grazing in any one area, and allowing the botanical interest in the sward to develop. Successional scrub growth to be allowed to develop around the field margins next to woodland areas. Noxious weeds are to be controlled, particularly ragwort. In 2014 to reinforce stock fences by placing additional intermediate posts plus re tensioning fences.

- Mechanical cutting: The semi-natural open ground habitat in sub-compartment 5d is to be managed by flailing the successional scrub growth on a 3 year rotation to maintain internal views for the benefit of public access. Other areas of scrub regeneration to be assessed during the plan period to ensure the appropriate level of successional response and to avoid disproportionate grassland habitat loss.

- Field trees: During 2015 establish 50 single or small groups of field trees scattered through sub-compartments 5a, 5b and 5c to add to the existing 30 established trees. Species to be oak, hornbeam, wild cherry, hawthorn and field maple.

- Hedgerow management: Biennial flailing of the newly laid hedge next to the car park field (hedge 1); annual flailing along road edges to occur by trimming the road side of hedge and the top to achieve a managed height of approximately 5ft (1.5 m). Allow other "internal" hedges to grow and mature.

## 6.0 WORK PROGRAMME

Year	Type of Work	Description	Due By
2014	WC - Fencing	To removal of redundant rabbit fences and public access structures and the construction of new boundary and safety fences as per the tender details sent out in our letter dated 20th January 2014 and as per your tender received by noon 7th February 2014. The Woodland Trust's General Conditions of Contract apply as previously sent. 25% of work to be completed during April 2014; 75% by September 2014.	30/05/14
2014	NWH - Maintenance Work	<p>Within the field system at Hucking Estate to supply and install extra fencing (intermediate) posts within sections of the existing stock fence where the spacing is currently 5 metres between posts to reduce this spacing to 2.5 metres. Approximate total fence length affected = 7800 metres - see map for details.</p> <p>To carryout repairs to stock fence during this work replacing broken sections/re tensioning wires/replacing snapped strainers or intermediate posts as is necessary.</p> <p>At the northern end of cpt. 1d, reduce down to one gate the entrance between the 2 fields, and put in place additional stock fencing, remove off site concrete "gate rest", and take off site broken gate.</p>	30/05/14
2014	AW - Visitor Access Maintenance	First path cut - see attached notes for details.	31/05/14
2014	PE - Events - Contractor/Provider	<p>12 x A3 Correx Bluebell trail signs for Hucking Estate - each with drilled corners</p> <p>Includes Deliver to a single address as follows (not to be delivered until after the 27th March 2014)</p> <p>John Cobbett - Foxgrove House, Hollingbourne, Kent, ME17 1TR.</p>	31/05/14

2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in May 2014.	31/05/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in June 2014.	30/06/14
2014	PE - Interpretation & Signage	Schools promotional leaflet for Hucking Estate	30/06/14
2014	PE - Interpretation & Signage	Design of Site Leaflet - External Designer Including concept, artwork and amends	30/06/14
2014	PE - Interpretation & Signage	External Design and Images for Site Leaflet for Schools	31/07/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in July 2014.	31/07/14
2014	AW - Visitor Access Maintenance	To repairs to main ASDA sign in car park and to clear windblown tree off path as agreed.	31/07/14
2014	AW - Visitor Access Maintenance	Second path cut - see attached notes for details	31/07/14
2014	PE - Interpretation & Signage	For re-use of image Songthrush 1.83.56 @ £20.00	29/08/14
2014	PE - Interpretation & Signage	Take One Media Distribution of Hucking Estate Site Leaflet throughout relevant areas of Kent 35,000 leaflets. As per proposal from Lesley Banks - LM11643	29/08/14
2014	PE - Interpretation & Signage	Design amends to Hucking Map for leaflet re-print	31/08/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in August 2014.	31/08/14

2014	PE - Interpretation & Signage	<p>Print 38,000 site leaflets for Hucking Estate for Local use and Take One Media distribution across Kent.  Ref: Quote No: 79442  Flat size A3, Finished size DL 12pp  130gsm Silk FSC  PDF Proof supplied  4 colour process + seal varnish both sides  Trimmed to size and folded  Pack in Cartons.  35,000 to be delivered to:  Take One Media Ltd. C/O Menzies  Distribution 75 Bugsby's Way  Greenwich London SE10 0QJ - Please see attached for deliver instructions.  3,000 to be delivered to:  Clive Steward, Silvertails, Rannoch  Road West, Crowborough, East  Sussex, TN6 1RF</p>	31/08/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in September 2014.	30/09/14
2014	PE - Interpretation & Signage	Visits into schools or schools visit to Hucking Estate Summer Term x 5 schools	30/09/14
2014	AW - Visitor Access Maintenance	Third path cut - see attached notes for details.	30/09/14
2014	AW - Management Access Maintenance	<p>Car Park:  - To dig a couple of ditches/grips at the southern end of the car park in the corners to help drain excess water    - To fill in pot holes with Type 1 stone    Entrance beside the pub:  - To repair sections of post and rail fencing and kissing gate structure.</p>	30/09/14
2014	NWH - Maintenance Work	To mow the community orchard's grassy sward at the same time as the 3rd path cut.	30/09/14
2014	NWH - Maintenance Work	Mow/flail approximately 1.00ha of the open space area of cpt.4a - see map 3 for details.	30/09/14

2014	WMM - Ride Management	Zone 2 wide ride mowing with ryetec cut and collector, cutting sections: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39. See notes and map for more details.	31/10/14
2014	CS - General Consultancy	Educational contractor to take individual secondary schools onto site to work with KS3 educational resources.	31/10/14
2014	PE - Interpretation & Signage	Purchase of a picture for Hucking VIP project.	31/10/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in October 2014.	31/10/14
2014	PE - Events - Contractor/Provider	To deliver an Autumn Photography Event at Hucking Estate - 12th October 2014	28/11/14
2014	PE - Events - Contractor/Provider	<p>People Counter underground pads to install:</p> <p>To install them, dig a 1m squared, 5" deep hole, add a base layer of sand then smooth this carefully, sit the pad in the hole then compact the soil and finally the grass firmly back on top of it. The cables should be buried in a trench adjacent to the main unit with the analogue counter protruding above ground. This should then be obscured by a rock/flint.</p> <p>Test the counters post installation to ensure they are recording pedestrians as they walk across. If the pads are too deep in the ground then they may not record properly.</p>	30/11/14
2014	PE - Interpretation & Signage	Design of Seasonal Walks and Spotter downloadable sheets for Hucking Estate	30/11/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate in November 2014.	30/11/14
2014	PE - Interpretation & Signage	<p>New Public Access infrastructure off Church Road at Pond Farm Road Junction:</p> <ul style="list-style-type: none"> <li>To supply and install an all access Kissing Gate (similar to the wooden</li> </ul>	30/11/14

Oxford - large design from Centrewire) and install an existing 3.6m wooden access gate from site (see quotation 33 Hucking cpt. 1a fencing) with new posts to replace the existing pole barrier at access point into cpt. 1a off Church Road at Pond Farm Road junction. The pole barrier structure is to be removed off site. Woodland Trust to be routed into top rail of kissing gate (and 3.6m gate if not there already).

- Due to the sloping ground, a level area will need to be excavated for the kissing gate, and provision made for a route out of the kissing gate to join the path leading up the slope.
- Within the foot print of the kissing gate attach to the inside of the structure 4no treated softwood rails (3.5" wide and 1.5" thick) to the base of the uprights and "box" in the base of the structure. Provide and spread Type 1 stone over a geotextile layer and fill in the base up to the top of the new "boxed" base and consolidate. Continue with this surfacing out of the kissing gate structure for a further 2 metres to join up to the existing path/track, and leading down to the road. The surface within the kissing gate structure should be the same level as the new stoned path either side of the gate - ie now step or lip to walk over.
- Along the edge of the road/verge heading back towards the pub, fell the first 13 coppice stools of hazel, stacking arisings in the adjacent wooded area. On the woodland side of the felled coppice stools, supply and install 33m of rustic 2 rail post and rail fencing to join up to the new kissing gate. A further 10m of post and rail will be required on the other side of the gateway leading up towards Pond Farm to replace a section of post and wire

		<p>fence. Attach galvanised plain wire along all the rails.</p> <ul style="list-style-type: none"> <li>• Using a 360, re grade where necessary the path from the new access point up the slope to the field gateway to remove wheel ruts etc.</li> <li>• To supply and install an all access Kissing Gate (similar to the wooden Oxford - large design from Centrewire) next to the existing 3.6m wooden gate at the entrance to the new woodland creation area (currently a field). Provide a Type1 surface within the kissing gate as per specification above. Woodland Trust to be routed into top rail of kissing gate.</li> <li>• Re install latch post to existing 3.6m gate into current field so that it closes properly, installing a gate support post as per EMC spec.1.3.</li> <li>• Beside the kissing gate entrance into cpt.2j, remove old post and wire east of gate and replace with approximately 3 bays of 2 rail post and rail to close the gap between the kissing gate and the mature roadside tree. Attach galvanised plain wire along all the rails.</li> </ul> <p>All works here are subject to the Woodland Trust's General Conditions of Contract.</p>	
2014	AW - Visitor Access Infrastructure	Reprinting of information boards	30/11/14
2014	PE - Events - Contractor/Provider	To deliver a family bushcraft day at Hucking Estate: 27th July 2014 11am -2pm	30/11/14
2014	PE - Events - Contractor/Provider	To deliver a fungi Event at Hucking Estate: 28th October 2014 10.30am - 1pm	30/11/14

2014	WC - Tree Planting / Seeding	To supply 10,050 no. tree and woody shrubs, 40-60cm bare root as per Woodland Trust email of 24/9/14, for Hucking Estate Cpt.1a tree planting, and your quotation from Darren Roberts sent 25/9/14 for £2767.50 + VAT including delivery in Kent.  Delivery address to be confirmed.	30/11/14
2014	WC - Tree Weeding / Fertilising	2014 maintenance costs to new planting areas. See schedule for details, and pre planting preparation work in cpt.1a.	30/11/14
2014	WC - Tree / Seed Supply	Children's tree planting Week in cpt.1a - to purchase and deliver to site 500no (40-60cm) roottrainers for a week in November 2014 planting as follows: 250 Pedunculate oak, 100 hornbeam, 100 sliver birch, 50 small leaved lime.  All trees and shrubs to be UK provenance zone 400; UK grown. NB provenance certificates to be supplied with invoice or before.	30/11/14
2014	WC - Tree Planting / Seeding	For tree planting in cpt.1a: to Pre plant herbicide along each sinuous row @ 2.5m spacing across entire area for planting (8550 trees);  Children's tree planting event in cpt.1a: to mark out prior to planting event 500 positions with wooden stakes or paint marks; checking planting after event has finished.	30/11/14
2014	WMM - General Site Management	Hedge cutting - see notes.	30/11/14
2014	PE - Events - Contractor/Provider	1 x photography workshops at Hucking Estate focused on Spring: 24th May 2014 11am -2pm	21/12/14
2014	PE - Events - Contractor/Provider	1 x photography workshops at Hucking Estate focused on Autumn: 12th October 2014 11am -2pm	21/12/14

2014	PE - Events - Contractor/Provider	2 x Art events at Hucking Estate to cover woodland art and landscape art : 11th May 2014 - 11am - 2pm 22nd June 2014 - 11am - 2pm 1 x Family schools holiday event based on a treasure hunt theme: 9th August 2014 - 10am - 2pm All Delivered at Hucking Estate as agreed.	21/12/14
2014	PE - Events - Contractor/Provider	Evaluation questionnaire work. To assess if we HAVE achieved key aims, i.e. improving visitor experience and increasing awareness of the WT. Consultation with user and non-user groups.	31/12/14
2014	PE - Interpretation & Signage	Development of website content: Video tours, using digital media to show the options for different groups at Hucking Estate and emotive reasons to visit. 3 videos planned; a family day out, a walker's tour and interest groups visiting the site. (P7 - non recoverable).	31/12/14
2014	PE - Interpretation & Signage	Hook & Hatchet Notice Board produced as design supplied by Woodland Trust. As per quote reference: 23702 Delivery: Clive Steward Silvertails, Rannoch Road West Crowborough East Sussex TN6 1RF	31/12/14
2014	PE - Interpretation & Signage	Design of Pub Notice Board advertising Hucking Estate Also design of branded beer mats and postcards for advertising from the Hook & Hatchet	31/12/14
2014	PE - Interpretation & Signage	Printing of branded beer mats for advertising from the Hook & Hatchet pub next door to Hucking Estate Quote details below:  1 000 x 4 designs @ £98.00 x 4 = £392.00 less 10% Bulk discount @ £39.20 = £352.80  Plus VAT @ 20%	31/12/14

Includes all PDF proofing, set-up and plating charges.  
Free carriage to one mainland UK address.

Mats manufactured by us, here, in Northampton.

Turn-around: Usually within two weeks from receipt and approval of press-ready artwork

\*\* This is subject to production capacity at the time of sending final artwork \*\*

Dimensions: 94mm square with rounded corners.

Print: Litho-press printed in full colour on one or both sides using only eco inks.

Board: GENUINE 1200 - 1400 micron thick and THIRSTY beer mat board.  
Eco Credentials - 100% recyclable wood-pulp fibre board  
.... specially designed to absorb liquid over and over again.

Artwork: To be supplied to our specifications... all easily obtainable from our main Thirstys website.  
4 fronts and four reverse designs.

Packing: 125's and then 1000's as standard. Separated by design.  
Special packing in different variables is available but needs to be priced.

Delivery to:  
Clive Steward  
Silvertails,  
Rannoch Road West  
Crowborough  
East Sussex  
TN6 1RF

2014	PE - Interpretation & Signage	<p>Printing of branded postcards for advertising from the Hook &amp; Hatchet pub next door to Hucking Estate Printed as per quote reference: 82475</p> <p>2000 x 4 sorts and EXTRA to gloss laminate 1 side @£65.00 min charge to a total of £443.00 + VAT</p> <p>Delivery to: Clive Steward Silvertails, Rannoch Road West Crowborough East Sussex TN6 1RF</p>	31/12/14
2014	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during December 2014.	31/12/14
2014	CS - Access Audits	Develop a strategy for the continuation of engagement at Hucking Estate. Through evaluation of the project and user group consultation to identify what worked, what did not and how to maintain engagement at potentially lower levels of staff and funding re (should be P7 non recoverable).	31/12/14
2014	WC - Tree Planting / Seeding	Extra costs for planting an additional 3550 no trees in cpt. 1a during December.	31/12/14
2014	WC - Tree Planting / Seeding	Cpt.1a: To provide labour to plant 4500no trees @ 2.5m spacing and 2000no woody shrubs @ 2.0m spacing all bare root and 40-60cm. WT to supply trees and woody shrubs.	31/12/14
2014	WC - Fencing	<p>Rabbit fencing to cpt.1a: See attached map for location of the following -</p> <ul style="list-style-type: none"> <li>• Pink lines: to remove off site approximately 190 m of stock/rabbit fence and 2 x 3.6m gates (to be reused on site).</li> <li>• Green line: to supply materials and construct approximately 250m of a free standing high tensile rabbit fence as per</li> </ul>	31/12/14

		<p>WT EMC spec. 3.8 using winter cut sweet chestnut timbers.</p> <ul style="list-style-type: none"> <li>• Blue line: to supply materials and attach rabbit netting as per WT EMC spec. 3.8 to approximately 735m of existing stock fence (on the field side), burying the netting vertically next to this existing fence. (See quotation 32 Hucking new access for kissing gate/3.6m access gate provision etc at access points).</li> <li>• Remove the wooden (damaged) gate at the access point from the public road to the climate change and ash plots, and replace with one of the gates removed from the pink lines and install as per EMC spec. 1.3. Include a gate support post. Hinges to be welded on. Attach rabbit netting to be attached to gate and to join up with rabbit fencing either side of gate. Install a wooden sleeper 3.6m long directly beneath the gate so that it can be made rabbit proof. (You may have an alternative idea to this?)</li> </ul> <p>NB all fence line measurements are approximate. You must make your own assessment of fencing lengths. Payment will be made on total price quoted not on a pro rata basis.</p> <p>All works here are subject to the Woodland Trust's General Conditions of Contract.</p>	
2014	WC - Fencing	<p>To removal of redundant rabbit fences and public access structures and the construction of new boundary and safety fences as per the tender details sent out in our letter dated 20th January 2014 and as per your tender received by noon 7th February 2014. The Woodland Trust's General Conditions of Contract apply as previously sent. 25% of work to be completed during April 2014; 75% by September 2014.</p>	31/12/14

2014	PE - Community Group Support	Recruit and train a local volunteer to become the site PR volunteer. Volunteer Expenses costs - Travel (Work Order Number 10057_113)	31/12/14
2014	PE - Community Group Support	Recruit and train a local volunteer to become the site PR volunteer. Volunteer Expenses costs - Travel (Work Order Number 10057_113) NB this line has been zeroed down as it's a duplicate of another line (also work_ord 10057_113)	31/12/14
2014	PE - Community Group Support	Recruit and train 2 volunteers as voluntary speakers for the site and the wider WT.  Volunteer Speaker Expenses costs - Travel (Work Order Number 10057_134)	31/12/14
2014	PE - Community Group Support	c.f. Recruit and train 2 volunteers as voluntary speakers for the site and the wider WT. Volunteer Speaker Expenses costs - Projectors. Supply and deliver 1 x Projector Model NEC M230X 60002958 as per your quote of April 10th 2013 (your ref: 67020) to David Fleck, 3 Hayle Mill, Hayle Mill Road, Maidstone, Kent, ME15 6JW on Wednesday April 17th 2013 (morning delivery).	31/12/14
2015	SL - Tree Safety Works - Zone A	To tree safety works as per details given in letter dated 13/11/14.	31/01/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during January 2015	31/01/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during February 2015	28/02/15

2015	WC - Tree / Seed Supply	<p>ORDERED ALREADY PO 506749</p> <p>Cpt. 2i to supply only 2000no, 40-60cm bare root transplants:</p> <p>Pedunculate oak: 800  Field maple: 200  Hornbeam: 400  Small leaved lime: 300  Silver birch: 200  Wild cherry: 100</p> <p>Cpt. 3b to supply only 50no, 40-60cm bare root transplants:</p> <p>Pedunculate oak: 10  Field maple: 10  Small leaved lime: 10  Silver birch: 10  Wild cherry: 10</p> <p>Beatup transplant supply, 5500 40-60cm bare root transplants:</p> <p>Pedunculate oak: 2000  Field maple: 500  Hornbeam: 1700  Small leaved lime: 400  Wild cherry: 400  hawthorn: 250  Guelder rose: 250</p>	28/02/15
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2015	WC - Tree / Seed Supply	<p>To supply and deliver bare root 40-60cms as per your quotation of 2/12/14 - all to be UK provenance and UK grown:</p> <p>760no: field maple          100no: common alder          360no: silver birch          300no: downy birch          2350no: hornbeam          25no: common dogwood          450no: hawthorn          610no: wild cherry          50no: blackthorn          350no: sessile oak          3010no: pedunculate oak          375no: guelder rose</p> <p>Delivery address to be confirmed in Kent</p>	28/02/15
2015	WC - Tree Planting / Seeding	To supply labour to beatup of tree plantings in cpts.1a, 1d, 1e, 1f, 1g, 2e, 2j. (WT to supply 5500 trees.)	31/03/15
2015	WC - Tree Planting / Seeding	<p>To plant 2000no mixed broadleaves @3x3m random spacing in the open area of cpt.2i (WT to supply trees); To supply 1900no 0.6m high ecostart green Tubex tree shelters and 2000no 90cm chestnut pale to fit to individual guards. 100no 0.6m guards to be supplied by WT from BioCycle. Fit all around the 2000no trees.</p> <p>To gap up area coppiced in Oct/Nov'14 Area A in cpt.3b (near the boars) with 50 trees (WT to supply trees); to supply 0.6m high ecostart green Tubex tree shelters and 90cm chestnut pale and fit to individual guards around each tree.</p>	31/03/15

2015	WMM - Invasive Plant Control	Along the woodland creation edge within cpt.4a (see map), fell all the cotoneaster bushes and treat their stumps with a 20% solution of glyphosate in water as per FC Field Book 8. Stack arisings within the wooded area.	31/03/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during March 2015	31/03/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during April 2015	30/04/15
2015	AW - Visitor Access Maintenance	<p>Glass Hill Horse step through stile: Stile at base of slope - level out approximately 3mx1.5m section below the stile. Install a geotextile layer topped with 150-170mm of Type 1 stone 25 mm to dust and consolidate. Ensure the depth of soil either side of structure (sleeper) is the same height as the sleeper and as per EMC spec.1.11.</p> <p>Dig out a suitable depth of soil within the horse stile, install a geotextile layer topped with 150-170mm of Type 1 stone 25 mm to dust and consolidate.</p> <p>Stile at top of slope next to road - remove the kissing gate structure, but reuse the post and rail section to close off gap between stile and roadside tree edge.</p> <p>Approximately 30m up the slope from the stile at the base of the slope, use waste/surplus soil/flint to fill in a deep hole which has developed within the fenced corridor.</p> <p>Kissing gate in dry valley into cpt.2d (beside double gates): To supply new treated softwood sawn plank 3.5" x 1.5" and install. Supply and back fill current hole with flint and topped by Type 1 stone to consolidate.</p>	30/04/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during May 2015	31/05/15

2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during June 2015	30/06/15
2015	AW - Visitor Access Infrastructure	To printing of 4 panels: 2 OFF 684x950mm signs on dibond (with no holes) = £121.52 (£60.76 each) 2 OFF 420x594mm signs on dibond (with no holes) = £52.52 (£26.26 each)  Carriage @ £12. All prices subject to VAT.  Delivery to: Sovereign Forestry Contractors Ltd, Lodge Hill Crouch Lane Sandhurst Kent TN18 5PD. Telephone 07785 342085.	30/06/15
2015	AW - Visitor Access Maintenance	First path cut - see attached notes for details.	30/06/15
2015	WMM - General Site Management	Annual membership to RAMSAK	30/06/15
2015	NWH - Maintenance Work	To mow the community orchard's grassy sward at the same time as the 1st path cut.	30/06/15
2015	NWH - Maintenance Work	To mow the community orchard's grassy sward at the same time as the 2nd path cut.	31/07/15
2015	WC - Tree Weeding / Fertilising	Within the community orchard apply 2-4 -D herbicide (Depitox) to nettle and thistle. NB spray drift and volatility in hot temperatures will be damaging to the orchard trees.	31/07/15
2015	AW - Visitor Access Maintenance	Second path cut - see operational notes for details. This is different to previous years!	31/07/15
2015	PE - Events - Contractor/Provider	Onsite and online questionnaire to assess visitor experience. Mini-programme of spring/summer events at Hucking Estate.	31/07/15
2015	CS - Access Audits	Prepare a report assessing whether we have achieved key aims of the HLF-funded VIP project, identifying what worked, what did not and how to maintain engagement (P7 non recoverable). Include a strategy for the continuation of engagement as part of the report.	31/07/15

2015	AW - Visitor Access Infrastructure	To make an oak lectern frame to house an A2 sized panel, including the legs @ £485.00 plus VAT. Delivery to Sovereign Forestry Contractors Ltd, Sandhurst, Kent @£65.00 plus VAT.	31/07/15
2015	CS - General Consultancy	To undertake a resurvey of the long term monitoring plots within the woodland creation area of cpt.4a (previously cpt.10a):  a. To assess the vegetation cover and species per plot recording in detail at the centre of each plot (e.g. in a 4x4m quadrat), with a search of the whole 100m <sup>2</sup> plot for any woodland indicators and shade tolerant species.  b. To record any sample plots missing or requiring replacement posts.  c. To analyse differences in results with previous survey in 2008 and recommendations for future surveys and timings.  d. To use the services of a volunteer to help with the survey work.  Day rate as agreed @ £360.00/day.	31/07/15
2015	AW - Visitor Access Infrastructure	To make 3no oak lectern frame to house an A2 sized panel, including the legs @ £485.00 each plus VAT. Deliver with PO 507762 to Sovereign Forestry Contractors Ltd, Sandhurst, Kent.	31/07/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during July 2015	31/07/15
2015	PE - Interpretation & Signage	Development of web content: 3 videos planned including an interview with Austin Brady on the two joint research projects, a walking tour featuring the sculpture trail and an archaeological and heritage tour (P7 non recoverable).	31/07/15
2015	PE - Interpretation & Signage	To install new leaflet dispenser outside the Hook and Hatchet pub.	31/08/15

2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during August 2015	31/08/15
2015	AW - Visitor Access Infrastructure	To install 4no new A2 sized information boards to replace existing ones at the following locations at Hucking Estate:  <ul style="list-style-type: none"> <li>• Axe sculpture</li> <li>• Living log sculpture</li> <li>• Shepherd sculpture</li> <li>• Wild boar sculpture</li> </ul> The old information board structures to be removed off site.  To install 2 new printed information Welcome boards at:  <ul style="list-style-type: none"> <li>• WT car park</li> <li>• Entrance beside the pub</li> </ul> Remove off site the old printed boards	31/08/15
2015	AW - Visitor Access Maintenance	To visit each bench (3no) within the grazed areas at Hucking Estate and inspect the bolts/tighten/replace as is necessary. See attached map for location of benches.	30/09/15
2015	AW - Visitor Access Maintenance	Third path cut - see attached notes for details	30/09/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during September 2015	30/09/15
2015	NWH - Maintenance Work	Mow/flail approximately 1.00ha of the open space area of cpt.5d - see map 3 for details.	30/09/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during October 2015	31/10/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during November 2015	30/11/15
2015	AW - Visitor Access Maintenance	To re install back post of the pedestrian squeeze gap off the Drove Road at the southern entrance into cpt.4a. Back post still there but has been lifted out with its concrete base.	30/11/15

2015	NWH - Initial Restoration Work	<p>To supply and construct 25no individual livestock proof corrals in October 2015. Within the corrals to plant in total 109 individual trees when trees are available from nurseries in November 2015.</p> <p>Corrals to be of rustic winter cut sweet chestnut timbers constructed as traditional post and (2) rail fencing. Galvanised mild steel stock netting (C/8/80/15 or equivalent) to be attached to the outside of each length of the corrals by galvanised staples.</p> <p>4no types of design to be constructed - see diagram and map of where each has to go.</p> <p>12no. of Design 1. To plant within each one: 1no. pedunculate oak          3no. of Design 2. To plant within each one: 2no. pedunculate oak and 2no. hawthorn          5no. of Design 3. To plant within each one: 3no. pedunculate oak and 4no. hawthorn          5no. of Design 4. To plant within each one: 4no. pedunculate oak and 6no. hawthorn</p> <p>All plants to be bare root 45-60cm, and guarded by individual 0.6m high green treeshelter supported by a 90cm long chestnut pale.          All trees to be supplied by Woodland Trust, but all guards and stakes and the planting to be done by the contractor.</p>	30/11/15
2015	WMM - General Site Management	Hedge cutting - see map 5 and notes.	30/11/15
2015	WC - Tree Weeding / Fertilising	<p>Cpt. 2j: To walk through cpt.2j and empty the tree shelters filled with soil due to ant activity without breaking the trees within them - main problem seems to be on the northern edge of this planting.          Re-erect tree shelters once cleaned out.</p>	30/11/15

2015	WC - Tree Weeding / Fertilising	2015 maintenance costs to new planting areas. See schedule for details.	30/11/15
2015	WMM - Ride Management	Zone 2 wide ride mowing with ryetec cut and collector, cutting sections: 1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 42, 44, 48. Zone 3 wide ride coppicing to sections: 16, 27 and 35. See notes and map 4 for more details.	30/11/15
2015	WMM - Coppice Management	To coppicing of Area A (1.4ha), cpt.3b; Area B (1.04ha), cpt.2d; Zone 3 wide ride - ride edge coppicing of zone 3 areas in cpt.3b sections 37, 42, 44, and 48.  This is to be netted off against income from timber sales.	30/11/15
2015	WC - Tree / Seed Supply	To purchase:  Field maple 15no, 40-60cm Wild cherry 15no, 40-60cm Pedunculate oak 30no, 40-60cm Common hawthorn (C.monogyna) 60no, 40-60cm  All to be provenance 405 or 403.  Delivery address would be to: Woodland Trust, Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF.  Delivery cost £10.00 +VAT	30/11/15
2015	WMM - Coppice Management	To ride edge coppicing of zone 3 areas in cpt.3b sections 42, 44, and 48.	18/12/15
2015	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate during December 2015	31/12/15
2016	Field Maple (Bulk Planting)	250 Field maple, 40-60cm, 403 provenance Delivery to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	15/01/16

2016	Hawthorn (Bulk Planting)	475 hawthorn (C.monogyna), 60-80cm, 405 provenance. Delivery to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	15/01/16
2016	Alder (Bulk Planting)	400 common alder (A.glutinosa), 40-60cm, 403 provenance Delivery to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	15/01/16
2016	Downy birch (Bulk Planting)	310 Downy birch, 40-60cm, 403 provenance Delivery to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	15/01/16
2016	Downy birch (Bulk Planting)	510 downy birch, , 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Downy birch (Bulk Planting)	890 downy birch, , 60-80cm, 405 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Holly (Bulk Planting)	50 holly, 40-60cm, strat provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Alder (Bulk Planting)	950 common alder, 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16

2016	Hornbeam (Bulk Planting)	650 hornbeam, 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Hawthorn (Bulk Planting)	2400 common hawthorn, 40-60cm, 405 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Hazel (Bulk Planting)	500 hazel, 40-60cm, 405 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Field Maple (Bulk Planting)	600 field maple, 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Silver Birch (Bulk Planting)	550 silver birch, 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Whitebeam (Bulk Planting)	50 whitebeam, 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Wild service tree (Bulk Planting)	950 wild service, 40-60, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Wild service tree (Bulk Planting)	50 Wild service, 40-60, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16

2016	Yew (Bulk Planting)	50 yew, 20-40cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Wayfarers Tree (Bulk Planting)	50 wayfarers tree, 40-60cm, UK provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Spindle (Bulk Planting)	50 spindle, 40-60cm, 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Crab Apple (Bulk Planting)	50 wild pear, 20-40cm, 405 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	Oak Common (Bulk Planting)	3100 quercus robur, 40-60cm 403 provenance. Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	22/01/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during January 2016.	31/01/16
2016	LC - Fly Tipping	To supply and insert 2 new rustic sweet chestnut cleaved rails to replace broken rails at the top of Broadstreet Hill.  To remove off-site the camp in cpt.3d and any associated litter (in area of chestnut to thin).  Cost as per your quotation of 9/2/16.	29/02/16

2016	WMM - General Site Management	<p>24 cans of Fluo Marker Sylva Mark Orange pain @ £4.10 +VAT per can. Total order: £98.40 + VAT Delivery free.</p> <p>Delivery Address: Woodland Trust Silvertails Rannoch Road West Crowborough TN6 1RF</p>	29/02/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during February 2016.	29/02/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during March 2016.	31/03/16
2016	AW - Visitor Access Infrastructure	<p>To make an extension to the Woodland Trust car park:</p> <ul style="list-style-type: none"> <li>• Mow the grass within the new extension area.</li> <li>• make an approximately 4m gap in the car park bund next to the existing pedestrian gate and remove a section of the existing post and rail fence to make way for new access point. Make good existing fence to ensure there are no gaps between the fence and the new gate access.</li> <li>• supply and install approximately 45m of sweet chestnut 2 rail post and rail fencing around the extended car park perimeter (15m and 30m sections/lengths), see map.</li> <li>• supply and install next to metal pedestrian gate into the field 1no wooden 3.6m access gate as per EMC spec.1.3 with wooden gate support post.</li> <li>• extend Type1 car park surface underlain with geo textile material for an area 3.6m x 5m into the field at the new gate access point from the edge of the existing car park surface as follows: Excavate the soil to the extension area to a depth of 130mm. All dug out soil to be added (neatly) to existing car park</li> </ul>	31/03/16

		<p>bund (except for one trailer load plus turf - see below). Add a sub layer of hardcore formed of crushed brick with granite 60 mm to dust to a depth of 150 mm after compaction with a vibrating roller.</p> <p>Above this will be the surface layer of Type 1 stone 25 mm to dust with good binding quality to a depth of 50 mm after compaction with a vibrating roller.</p> <ul style="list-style-type: none"> <li>• supply and install a metal pedestrian gate (Stratford Gate 1 way from Centre wire) on line of public right of way through the new fence line.</li> <li>• remove existing post and rail and supply and install 3 bays of new chestnut post and rail creating a pedestrian squeeze gap off the public road at south east corner of cpt.4b.</li> <li>• To build up the soil in front of the bench by “The Shepherd” to fill in the hollow made by the sheep, and top it with turf from the car park works. Re tighten bolts of bench.</li> </ul>	
2016	AW - Visitor Access Infrastructure	To fill in pot holes in car park surface using similar Type 1 material as per original construction. Consolidate well.	31/03/16
2016	WMM - Invasive Plant Control	To fell and treat cut stumps of rhododendron bush(es) in cpt.3c using Roundup as per FC Field Book 8 - see map.	31/03/16

2016	WC - Tree Planting / Seeding	<p>New hedge around 3 sides of car park perimeter (including new extension area) on the woodland side of the perimeter post and rail fence:</p> <ul style="list-style-type: none"> <li>• To strim along planting strip - approximately 95-100m long.</li> <li>• supply and lay a 100mx1m roll of polythene mulch strip anchoring the edges by burying them and plant through it @ 5 plants per metre and double staggered rows 475no 60-90cm hawthorn plants around the perimeter of the existing and extended car park. WT to supply plants.</li> <li>• to supply and fit 475no 60cm high clear spiral guards and supporting bamboo canes around each plant.</li> </ul>	31/03/16
2016	NWH - Grazing Work	<p>To print 12 copies of Woodland Trust sign "Control your dog 2" (4 corner holes) / A2 (420x594mm) 5mm  CORREX: £74.52 + VAT  Delivery : £3.95 + VAT  Delivery address:  Woodland Trust  Silvertails  Rannoch Road West  Crowborough  East Sussex  TN6 1RF</p>	31/03/16
2016	WMM - General Site Management	<p>Permanent Survey Plots:  To supply and install sweet chestnut posts 5"x3-4" dia as plot markers at each of the 4 corners of plots within cpt. 3b and 4a. To remove existing posts and leave on site to rot. To paint the top 12" of each new post with white exterior wood paint.  PLOTS:  Mature Woodland: 23  Plantation: 53  Total: 76</p> <p>Total number of posts = 76x4=304</p>	30/04/16
2016	LC - Routine Litter Picks	<p>To emptying of dog litter bin once a week near the car park at Hucking Estate during April 2016.</p>	30/04/16

2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during May 2016.	31/05/16
2016	AW - Visitor Access Infrastructure	To make an oak pointed finger 150mm x 35mm with "NORTH DOWNS WAY" and the acorn logo engraved and infilled white, on both sides of the finger: £165.00 plus VAT.  To fit the finger onsite to the existing post: £245.00 plus VAT.  Total cost £410.00 plus VAT.	31/05/16
2016	WC - Tree / Seed Supply	For the attention of Micha Huckstepp: To delivery costs for supplying tree order from stock reserved for bulk contract on Wednesday 16th December 2015 to Kent: Delivery Address: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	31/05/16
2016	WMM - General Site Management	Annual membership to RAMSAK	30/06/16
2016	NWH - Grazing Work	To print 15 copies of the sign "Don't hound the sheep" as A2 size on correx, no holes needed, @ £5.21 + VAT ea; delivery cost of £3.95 +VAT. Total of £82.10.  Deliver to: Woodland Trust, Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF.	30/06/16
2016	AW - Visitor Access Maintenance	First path cut - see attached notes for details.	30/06/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during June 2016.	30/06/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during July 2016.	31/07/16
2016	AW - Visitor Access Maintenance	Second path cut - see attached notes for details	31/07/16

2016	AW - Visitor Access Infrastructure	To supply and install the Dog waste bin "Healthcare 45 Litre bin" from Earth Anchors Ltd, 15 Campbell Road, Croydon, CR0 2SQ Tel: 020 8684 9601. Position 100m along blue trail from the Hook and Hatchet pub - see map.	31/07/16
2016	AW - Visitor Access Infrastructure	To remove the leaflet dispenser in the field beside the pub off site and fill in the 2 holes with soil. Separate the board from the 2 legs and give all to the Site Manager.	31/07/16
2016	AW - Visitor Access Maintenance	To: - make repairs to 3 Threshold signs 2 either side of the car park entrance and 1 by the pub entrance by additional bracing to prevent panels popping out of frame. - fell 5-6 hawthorn trees blown over by Storm Katie and now leaning on stock fence near the "boars". Place arisings on wood side of fence. - purchase wooden materials to make wooden frames for sheep signs and install on site on gates within the field system. - to check all the gate cabin latches on kissing gates within the field system whilst installing the sheep poster frames and adjust to make sure they close/lock properly. - Cpt.2b: remove off site camp litter. - Cpt. 2b: take off 0.6m tree shelters from cherry plot and dispose off site.	31/07/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the Hook and Hatchet Pub at Hucking Estate during July 2016.	31/07/16

2016	SL - Tree Safety Emergency Work	<p>Tree "A": Stored ash stem on old coppice stool windblown towards and over hanging Broadstreet Hill road. Hung up within neighbouring ash tree's crown whose stem is under strain and could snap. Hung up over a BT cable. Fell ash to make it safe storing arisings within the wood away from the road edge.</p> <p>Tree "B": Over mature dead ash tree next to the Drove Way. Fell away from Drove Way and leave to rot.</p>	31/07/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the Hook and Hatchet Pub at Hucking Estate during August 2016.	31/08/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during August 2016.	31/08/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during September 2016.	30/09/16
2016	CS - Ecological Survey & Assessment	<p>To do a walk over lots 1-4 for sale at Rumstead Court Farm and carryout out:</p> <ul style="list-style-type: none"> <li>- a sward survey to see if there is unimproved grassland within these lots</li> <li>- the likelihood of rare habitats or rare species of bird/invertebrates inhabiting these lots.</li> <li>- brief description the small area of woodland within lot 2</li> </ul> <p>To summarise all the above in a brief report.</p>	30/09/16
2016	AW - Visitor Access Maintenance	Third path cut - see attached notes for details	30/09/16
2016	AW - Visitor Access Infrastructure	<p>Pub Car park sign 8468 WT01-457x627mm-ACL Woodland Trust signs (no holes) / (457x627mm) / 3mm Aluminium composite with matt laminate [CM]3mm ALCOM £30.16</p> <p>Delivery Options are 3-5 day:£3.95</p> <p>Total order is £34.11 + VAT.</p>	30/09/16

2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the Hook and Hatchet Pub at Hucking Estate during September 2016.	30/09/16
2016	WMM - AWS silviculture	To thinning of 2 areas in cpt.3d (2.4ha) of sweet chestnut dominated woodland. Quotation received 9/2/16 of £3400.00.	30/09/16
2016	WMM - Ride Management	Zone 2 wide ride mowing with ryetec cut and collector, cutting sections: 2, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 40. (Section 40 is from the edge of the path cut to the edge of the planted trees.)  See map 4 for more details.	30/09/16
2016	WC - Tree Weeding / Fertilising	2016 maintenance costs to new planting areas. See schedule for details.	30/09/16
2016	NWH - Maintenance Work	To mow the community orchard's grassy sward at the same time as the 2nd path cut.	30/09/16
2016	NWH - Maintenance Work	Mow/flail approximately 1.00ha of the open space area of cpt.5d - see map for details.	30/09/16
2016	Oak Common (Bulk Planting)	23 Ped.oak 40-60: Delivery to Clive Steward, Woodland Trust, Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF	31/10/16
2016	Wild Cherry (Bulk Planting)	18 Wild cherry 40-60: Delivery to Clive Steward, Woodland Trust, Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF	31/10/16
2016	Hawthorn (Bulk Planting)	56 hawthorn 40-60: Delivery to Clive Steward, Woodland Trust, Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF	31/10/16
2016	Field Maple (Bulk Planting)	12 Field Maple 40-60: Delivery to Clive Steward, Woodland Trust, Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF	31/10/16

2016	WMM - Ride Management	Chainsaw felling: <ul style="list-style-type: none"> <li>• to create new zone 2 habitat areas along woodland creation edges 5-7m wide: 50, 51, 53, 56 and 58.</li> <li>• Zone 3 wide ride coppicing in sections 5-7m wide: 50, 51, 53, 56, 58. All arisings to be piled along the rear edge of each section as a dead hedge or even taken further into the plantation and left tidily. Total approximately 2.0 acres to fell. See map 4 for more details.</li> </ul>	31/10/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the Hook and Hatchet Pub at Hucking Estate during October 2016.	31/10/16
2016	WC - Tree / Seed Supply	To purchase 109 trees for the corrals in the open space habitat.	31/10/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during October 2016.	31/10/16
2016	CS - General Consultancy	Preliminary landscape assessment for the new Hucking acquisition.  Carry out a site visit and photo-record, generate a preliminary limit of visibility (ZVI) and sketch an outline of the visual and landscape impacts with preliminary opinion.	25/11/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during November 2016.	30/11/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the Hook and Hatchet Pub at Hucking Estate during November 2016.	30/11/16
2016	WC - Tree Planting / Seeding	Tree order delivery charge for delivery to Kent for Clive Steward.	30/11/16

2016	NWH - Initial Restoration Work	<p>To supply and construct 25no individual livestock proof corrals in October 2016. Within the corrals to plant in total 109 individual trees when trees are available from nurseries in November 2016.</p> <p>Corrals to be of rustic winter cut sweet chestnut timbers constructed as traditional post and (2) rail fencing. Galvanised mild steel stock netting (C/8/80/15 or equivalent) to be attached to the outside of each length of the corrals by galvanised staples.</p> <p>4no types of design to be constructed - see diagram and map of where each has to go.</p> <p>12no. of Design 1. To plant within each one: 1no. pedunculate oak          3no. of Design 2. To plant within each one: 2no. pedunculate oak and 2no. hawthorn          5no. of Design 3. To plant within each one: 3no. pedunculate oak and 4no. hawthorn          5no. of Design 4. To plant within each one: 4no. pedunculate oak and 6no. hawthorn</p> <p>All plants to be bare root 45-60cm, and guarded by individual 0.6m high green treeshelter supported by a 90cm long chestnut pale.          All trees to be supplied by Woodland Trust, but all guards and stakes and the planting to be done by the contractor.</p>	30/11/16
2016	WMM - General Site Management	Hedge cutting - see map 5 and notes.	30/11/16
2016	Wild Cherry (Bulk Planting)	100 wild cherry, 40-60cm, deliver to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	24/12/16

2016	Oak Common (Bulk Planting)	200 ped.oak 40-60cm, 404 provenance deliver to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	24/12/16
2016	Hornbeam (Bulk Planting)	200 hornbeam 40-60cm, 403 provenance, deliver to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	24/12/16
2016	Small-Leaved Lime (Bulk Planting)	50 small leaved lime 40-60cm, 404 provenance deliver to: Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD	24/12/16
2016	NWH - Maintenance Work	To spot spray a 1.5m diameter circle around each fruit tree in the Hucking Community orchard using Glyphosate. Please allow a few weeks of grass regrowth following mowing the orchard (as detailed previously).  Approximately 100 trees to spray around.	31/12/16
2016	SL - Tree Safety Works - Zone A	Tree safety works as per details at Hucking Estate, Park Wood, Denge and Pennypot Wood, Great Chart Wood, Dering Wood, Earley Wood, Tilden Wood, Comforts Wood, Tranquil Wood.	31/12/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the Hook and Hatchet Pub at Hucking Estate during December 2016.	31/12/16
2016	LC - Routine Litter Picks	To emptying of dog litter bin once a week near the car park at Hucking Estate during December 2016.	31/12/16
2016	CS - Historical Survey & Assessment	For the attention of Paul Cuming To supply the Historic Environment Record information within 1 km plus a summary of the archaeological potential of this site at: Rumstead Court Farm, Hucking, nr Sittingbourne, Kent, ME9 7RU. The attached map shows 4 lots for sale which are the areas we are interested in receiving these records on.	31/12/16

2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. January 2017.	31/01/17
2017	WC - Site Maintenance	To beatup planting in cpts. 1a, 1d, 1g, 2e - 750no trees being supplied by WT.  Using the trees supplied above, plant 50no (mixed species) spaced out across the area of natural regeneration immediately south of Pond Farm (see map 2). Supply and install 0.6m green tree shelters supported by 0.9m chestnut pales to guard each one.	28/02/17
2017	WC - Tree Weeding / Fertilising	To brushcut bramble, tree regeneration etc in a 3m diameter circle around each of the 50no planted trees used to gap up the coppice near the Boars statues in cpt.3b see map 2.	28/02/17
2017	AW - Visitor Access Maintenance	- To take down and dispose off site the 2 bays of post and rail squeeze gap off Pond Farm Lane into cpt.1b, and replace with 2 new bays of chestnut post and rail positioned as per the original plus installing a back post in the gap. - To all 3 chicane entrances off the Bridleway onto the path network replace the foam scaffolding padding on the horizontal cross bar with new foam (supplied by WT), and reattach and keep in place by tying binder twine or equivalent over the padding.	28/02/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. February 2017.	28/02/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. March 2017.	31/03/17

<p>2017</p>	<p>AW - Management Access Maintenance</p>	<p>Public access on public right of way at site boundary at northern end of cpt. 1c.            To dismantle:            - old stile timbers            - approximately 7 metres of old barbed wire and stock fence south of stile position (just of the one fence nearest the footpath)            - approximately 100 metres of old barbed wire along the northern boundary of Cpt. 1c (not the rabbit fence along the field edge)            - remove plastic WT sign from post</p> <p>All wire to be taken off site. Wooden posts can remain on site neatly stacked in the wooded area.</p> <p>Construct:            - approximately 7 metres of high tensile stock fence topped with plain wire as per EMC spec.3.13, using sweet chestnut timbers and intermediate posts at 2 metre centres to replace the old fence taken down south of stile position. - at stile position construct a squeeze gap entrance as per EMC spec. 1.4 with a back post all in sweet chestnut timbers            - from new squeeze gap, construct approximately 35 metres of high tensile stock fence topped with plain wire as per EMC spec.3.13, using sweet chestnut timbers and intermediate posts at 2 metre centres to replace part of the old fence taken down along the northern boundary ending beside a significant hawthorn bush.            - attach a new WT plastic sign as supplied</p>	<p>31/03/17</p>
<p>2017</p>	<p>NWH - Maintenance Work</p>	<p>Community Orchard:             1. To supply and install 1no 3.6m wooden access gate with wooden hinge and latch posts as per EMC spec. 1.3 (including the gate support post). Gate to be positioned in the fence line of the Community Orchard next to the kissing</p>	<p>31/03/17</p>

gate (see below) beside the Bridleway just south of the Church. Make good the fence along the Bridleway once gate is installed. Rout Woodland Trust into the top rail facing the Bridleway.

2. To supply and install a Centrewire Oxford - medium mobility metal Kissing Gate (galvanised only and no mesh on hoops) to replace the existing one off the Bridleway. (Remove old gate off site). "Legs" of kissing gate to be concreted into the ground. Install a 2x2m (6-8 cm thick) area of type 1 hard standing on the orchard side of Kissing gate underlain by Terram or similar; also lay a similar thickness of Type 1 underlain by Terram or similar within the Kissing Gate structure. Top of Type 1 layer to be level with ground surface.

3. To plant approximately 22 metres of new hedge inside the Community Orchard next to the Bridleway as follows from the new gate to link up with the existing planted hedge along the southern side of the orchard:

- Herbicide with glyphosate a 1 metre wide strip on Community Orchard side of existing fence and adjacent to fence where hedge is to be planted;
- Supply and install a 1 metre wide strip of Spun-bonded Polypropylene photodegradable plastic mulch (from Acorn Planting Products or similar) and anchor it by digging the edges into the ground;
- Plant a double staggered row at 5 plants per metre through the mulch strip - total of 110 plants. All plant species to be 60-90cm br and supplied by WT. Spread the species out along the hedgerow with single species groups of 15-20 plants.
- Supply and install a clear 60cm spiral guard supported by a 90cm bamboo cane around each plant.

		<p>New Gate off Church Road into field in dry valley:</p> <p>4. To remove offsite 2 existing broken wooden gates and supply and install 1no. 3.6m wooden field gate plus new wooden hinge and latch posts as per EMC spec. 1.3 (including the gate support post), centrally positioned in the gap. Supply and install new stock fencing as per EMC spec. 3.13 using sweet chestnut timbers to connect with existing boundary fence in the gap created. Rout Woodland Trust into the top rail facing the road.</p> <p>New gates by Church</p> <p>5. To supply and install 2 new 10' gates to replace the twin gates beside the church. Woodland Trust to be routed into the top rail of both gates on the side facing the road. Transfer the existing throw over gate loop onto new gates plus the 2 drop down bolts. Clear out the holes in the concrete block beneath the drop down bolts for these to fit into.</p> <p>See attached map to confirm location.</p>	
2017	NWH - Grazing Work	<p>To supply and install in the fields temporary plastic mesh fencing, parallel to approximately 800m of ancient woodland/field boundary 15m into the field - see "odd job map". Use green barrier fencing mesh, heavy duty 200g/m<sup>2</sup>, 10kg supplied in 50mx1m rolls secured to chestnut posts 5ft x 1-2" dia at 2.5m spacing.</p>	30/04/17

<p>2017</p>	<p>NWH - Maintenance Work</p>	<p>Fence repairs to grazing area - see attached map for location in fields north of Church Road:</p> <ul style="list-style-type: none"> <li>- Along the length of the existing high tensile stock fence marked by solid blue line on attached map (approximately 1330m), to supply and install new intermediate posts mid span between existing posts.</li> <li>- All posts to be winter cut sweet chestnut sized at 1.83m x 8-10cm (6ft x 3-4") round or half round posts</li> <li>- Woodland Trust EMC specification of 3.13 to be referenced for construction of high tensile stockproof fence</li> <li>- Point "A": remove the inner field 3.6m gate and associated stock fence back to the roadside gate. Take all materials off site. Fill in holes.</li> <li>- Point "B": remove the inner field 3.6m gate and adjacent metal gate and associated fence back to the roadside gates. Take all materials off site. Fill in holes.</li> <li>- Point "B": remove roadside fence on corner of Church Road/Pond Farm Lane where fence is attached around mature trees and is not associated with the main field fence system</li> <li>- Point "C": remove wood and wire cage from tree corral off site and associated debris/rubbish</li> <li>- Points "D, E and F": cut up and remove tree or tree branches resting on stock fence and place arisings in neighbouring woodland. Re tension fence/make repairs as necessary.</li> <li>- Point "F": just north of point "F remove off site old pipe section positioned on edge of field</li> <li>- Point "G": supply and install new hinge post to existing wooden 3.6m gate. Specification as per EMC spec.1.3</li> </ul>	<p>30/04/17</p>
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2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. April 2017.	30/04/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. May 2017.	31/05/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. June 2017.	30/06/17
2017	AW - Visitor Access Maintenance	First path cut of approximately 13.2km - see attached notes for details. WIPE CLEAN, 3no threshold "Asda" type signs, information boards at the car park, in the pub car park and in the field adjacent to the pub. Oil (wd40 or equivalent) all padlocks on all (12) vehicle access gates into woodland/field areas.	30/06/17

2017	CS - General Consultancy	<p>A desk top analysis of species lists from past surveys to see if there are key trends for particular species/ habitats at Hucking Estate and compare these to county or country averages.</p> <p>Documents to be analysed as follows</p> <ul style="list-style-type: none"> <li>• Butterfly surveys - each year's report has a species list on one page from the following years: 1998, 1999, 2000, 2001, 2003, 2006.</li> <li>• Ecological survey of field areas 2004 - 12 pages of species lists in Appendices 1 to 4</li> <li>• Moth surveys - 2013: excel spread sheet with 252 species  <div style="margin-left: 150px;">2013: excel spread sheet with 147 species</div> <div style="margin-left: 150px;">2015: word document lists 4 ½ pages</div> </li> <li>• Bat survey of chalk holes - Excel sheet covering the period 1995-2012 (70 lines)</li> <li>• Bird survey - one excel report from 2013</li> </ul> <p>Analysis to be summarised in a short succinct report covering each of the main topic headings as listed above.</p>	30/06/17
2017	WMM - General Site Management	Annual membership to RAMSAK Ltd	30/06/17

2017	WC - Tree Weeding / Fertilising	<p>Herbicide applications as follows:</p> <p>1m diameter spot application to:  40 trees beside electricity station near church (in shelters)  218 field trees in grazing areas planted in Autumn 2015+2016  2000 trees in cpt.2i  50 trees in natural regen area south of Pond Farm</p> <p>Line application of 1metre width along the new planting rows:  17,320 trees in cpt. 1a (excludes both FR plots)  1360 trees in cpt. 1d  2600 trees in cpt. 1e  855 trees in cpt. 1g  5360 trees in cpt.2e</p> <p>1.5m diameter spot application to:  100 fruit trees in community orchard</p>	30/06/17
2017	WMI - General Site Restoration Work	To arrange for a grab lorry to remove all the rubbish and spoil heaped up beside the chalk hole next to the Byway (see "odd job map")	31/07/17
2017	NWH - Maintenance Work	To mow the community orchard's grassy sward in July.	31/07/17
2017	AW - Visitor Access Maintenance	Second path cut - see attached notes for details WIPE CLEAN, 3no threshold "Asda" type signs, information boards at the car park, in the pub car park and in the field adjacent to the pub.	31/07/17
2017	AW - Visitor Access Maintenance	To: - dig up both wooden legacy banner frames from beside the permissive path near the car park and return frames to your yard for future use. - to remove redundant barbed wire from beside the Public Right of Way through cpt.1c and dispose off site.	31/07/17

2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. July 2017.	31/07/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. August 2017.	31/08/17
2017	CS - General Consultancy	To provide on site training at Hucking Community Orchard to volunteers to train them in formative pruning techniques:  For one half day course (4 hours) on Wednesday 2nd August @ £150.00. This to include instruction and showing how to deal with the most difficult trees - cherries and plums and advice on apple thinning and removal as well as how to deal with canker/ tree suckers.  Initial site visit on 24th July 2017: £30	31/08/17
2017	CS - General Consultancy	To provide on site training at Hucking Community Orchard to volunteers to train them in formative pruning techniques:  For one half day course (4 hours) on Wednesday 2nd August @ £150.00. This to include instruction and showing how to deal with the most difficult trees - cherries and plums and advice on apple thinning and removal as well as how to deal with canker/ tree suckers.  Initial site visit on 24th July 2017: £30	31/08/17

2017	WC - Tree Weeding / Fertilising	<p>PLOT STRIMMING/MOWING</p> <p>Mow the interrow vegetation during late July/early August in:</p> <p>cpt.1a (gross area 10.58ha) (4.22ha +6.36ha) excludes both FR plots  cpt.1d (gross area 1.18ha)  cpt.1e (gross area 2.00ha)  cpt.1g (gross area 0.55 ha)  cpt.2e (gross area 3.06 ha)</p>	31/08/17
2017	NWH - Maintenance Work	To mow the community orchard's grassy sward in September.	30/09/17
2017	NWH - Maintenance Work	To spot spray a 1.5m diameter circle around each fruit tree in the Hucking Community orchard using Glyphosate following regrowth after mowing the orchard. Approximately 100 trees to spray around.	30/09/17
2017	NWH - Maintenance Work	<p>- During the 2nd orchard mowing operation, to mow using the "rabbit" ride on mower, a closely cut strip of one machine width to provide a short sward along 2 strips the length of the orchard (east - west direction) - see map.</p> <p>- to flail cut the woody vegetation parallel to Church Road between the bridle way entrance by the church and near to our car park - see map, cutting the woody shrubs between the roadside hedge and the small P'99 plantation, and a similar width either side of the plantation.</p>	30/09/17
2017	NWH - Maintenance Work	Mow/flail approximately 1.00ha of the open space area of cpt.5d - see map 3 for details.	30/09/17
2017	AW - Visitor Access Maintenance	<p>Third path cut - see attached notes for details</p> <p>WIPE CLEAN, 3no threshold "Asda" type signs, information boards at the car park, in the pub car park and in the field adjacent to the pub.</p>	30/09/17

2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. September 2017.	30/09/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. October 2017.	31/10/17
2017	PE - Interpretation & Signage	Description: Hucking Site leaflet - 5969 No. of Pages: 2 Finished Size: A3 - 420mm x 297mm Portrait Colours: Printed 4 colour process throughout Paper: 120gsm Inaset Plus Offset FSC Repro: Compatible artwork supplied on disk/E-Mail/FTP Proofs: PDF proofs included Finishing: Trimmed to finished size Folded To 210x99mm Packing: Packed suitably Delivery: Standard service to 1 UK mainland address Quantity: 500 £287.00  Delivery Address: Silvertails, Rannoch Road West, Crowborough, East Sussex, TN6 1RF	31/10/17

2017	CS - Ecological Survey & Assessment	<p>Rumstead Court Farm banks, Hucking:</p> <p>To carry out a survey across lots 1-4 of the sale area to record and report on as follows:</p> <p>A) April - July 2017</p> <ul style="list-style-type: none"> <li>- species content of the sward, focusing on the main chalk grassland areas</li> <li>- to plot the location(s) accurately on a map of the main chalk grassland areas</li> <li>- record butterflies and other invertebrates of interest seen on visits</li> <li>- to suggest the number of visits this would take</li> <li>- to summarise in a report for submission at end of July</li> </ul> <p>B) February/March - September/October 2017</p> <ul style="list-style-type: none"> <li>- a baseline bird survey to determine the breeding bird population and birds which use the site for feeding/living on</li> <li>- to suggest the number of visits this would take</li> <li>- to summarise in a report for submission at end of October</li> </ul>	31/10/17
2017	WMM - Ride Management	<p>WIDE RIDE MANAGEMENT WORK - September</p> <p>Zone 2 ride edge cutting: Flail using a Ryetec cut and collector the specific edge of the wide rides as marked on the map cutting all herbaceous and coppice regrowth to a distance of 5.5-6.0m from the edge of the ride. Arisings are to be dumped in piles in the mature woodland (beyond zone 3 if possible). Sections to cut are: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 34, 39, 41.</p> <p>Manual chainsaw coppicing of Zone 3 sections 15, 20, 22, 25. Cut material to be stacked at the rear of each section.</p> <p>See map 4</p>	31/10/17

2017	WC - Tree / Seed Supply	<p>To supply 7no fruit trees as follows in November 2017:</p> <p>3 x Opal Plum on Myrobolane rootstock at the discounted price of £25.00 ea = total of £75.00  1x Sunburst cherry on Colt root stock at £25.00 ea = total of £25.00  1x Stella cherry on Colt root stock at £25.00 ea = total of £25.00  2 x Early Rivers Cherry on colt rootstock at £25.00 ea = total of £50.00</p> <p>Delivery cost of £15.00</p> <p>Total of order = £190.00  (No VAT charged on fruit trees)</p> <p>Delivery address: Hucking Court,  Church Road, Hucking, Nr Maidstone,  Kent, ME17 1QT</p> <p>50% of costs (£95.00) to be invoiced in October 2017  50% of costs (£95.00) to be invoiced following delivery in November/December 2017</p> <p>On your invoice please provide your bank details (account number and sort code)</p>	31/10/17
2017	WC - Tree / Seed Supply	<p>To supply 1no fruit tree as follows in November 2017:</p> <p>1 x conference pear on pyrus very vigorous 1yr maiden root stock at £17.00.</p> <p>Total of order = £17.00  (No VAT charged on fruit trees)</p> <p>Delivery: we will collect. Please advise when tree is ready</p> <p>On your invoice please provide your bank details (account number and sort code)</p>	31/10/17

2017	SL - Tree Safety Silviculture Work	<p>Hedge laying two lengths of hedge alongside Broadstreet Hill. The length of hedges to be laid is 165 metres. Thin out the hedge to leave suitable stems for laying. Leave the standard trees trimming some of the lower branches. Cut and lay the hedge using the Midland style of hedge laying. The hedge to have stakes placed in every 500mm with hazel binders weaved along the top to support the hedge. The finished height of the hedge to be 1.2 metres.</p> <p>Coppice the scrub area between the hedge and the field boundary which is approximately 4 metres wide.</p> <p>The material cut out of the hedge to be burnt in small fires along the scrub area.</p>	30/11/17
2017	WMM - General Site Management	<p>Hedge cutting - SEE MAP 5</p> <ul style="list-style-type: none"> <li>-To trim roadside hedges (top and roadside only) back to previous year's height as marked on map. Where there are no defined hedges along the roadside boundaries marked on the map, trim back vegetation such as coppice regrowth from recently cut stools and side branches from existing trees and shrubs to ensure passing traffic is not struck by vegetation/branches.</li> <li>-Trim back hedge along TROT route at southern end of site.</li> <li>-Trim hedge along boundary with Brooms Hall (top and side) on field side only.</li> </ul>	30/11/17
2017	PE - Events - General	One Fungi Foray on Hucking Estate for 16 people on 25th October.	30/11/17
2017	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December. November 2017.	30/11/17

2017	AW - Visitor Access Maintenance	<p>To: Replace the stile opposite the Woodland trust car park, install four new step posts and two new steps; to the side of the stile install a dog latch all @ £ 165.00.</p> <p>Replace the rotten hanging post of the 3.6 m field gate opposite the car park; the gate post to be 175 x 175 x 2400mm treated softwood all @ £ 245.00.</p> <p>All prices subject to Vat @ 20%</p>	22/12/17
2017	CS - EIA Costs	<p>To prepare a landscape visual assessment for a public meeting in December 2017 (date tbc) following your email of 13th October 2017 with your quotation.</p> <p>Any follow up changes required following the public meeting and final submission to the Forestry Commission to be at an additional cost.</p> <p>This work is subject to our General Conditions of Contract.</p>	31/12/17
2017	CS - General Consultancy	<p>To provide on site training at Hucking Community Orchard to volunteers to train them in formative pruning techniques:</p> <p>For a full day course in winter of 2017 date tbc, post leaf fall (would include some theory indoors, followed by pruning as many apple/pear trees as can be dealt with in the day, depending on light) £220.</p>	31/12/17
2017	LC - Routine Litter Picks	<p>To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December.</p> <p>December 2017.</p>	31/12/17
2017	PE - Interpretation & Signage	<p>To print 250 x 4 designs = 1 000 beer mats for Hucking Estate as per your quotation dated 16/11/17</p> <p>Cost:250 x 4 = 1 000 @ £312.00 plus</p>	31/12/17

VAT @ 20%

Includes all PDF proofing, set-up and plating charges.

Free carriage to one mainland UK address.

DELIVERY ADDRESS: Hook and Hatchet pub, Church Road, Hucking, Nr Maidstone, Kent, ME17 1QT

Pricing is based on:

Mats manufactured by us, here, in Northampton.

Turn-around: Usually within two weeks from receipt and approval of press-ready artwork

\*\* This is subject to production capacity at the time of sending final artwork \*\*

Dimensions: 94mm square with rounded corners or 94mm diameter.

Print: Litho-press printed in full colour on one or both sides using only eco inks.

Board: GENUINE 1200 - 1400 micron thick and THIRSTY beer mat board. Eco Credentials - 100% recyclable wood-pulp fibre board .... specially designed to absorb liquid over and over again.

Artwork: To be supplied to our specifications... all easily obtainable from our main Thirstys website. Four fronts and one common or differing reverse design costed in at these prices.

Packing: 125's and then 250's as standard. Separated by design. Special packing in different variables is available but needs to be priced.

Prices are in UK Pound Sterling.

		Pre-Payment requested, in full, prior to delivery. Prices are valid for 30 days.	
2017	WC - Tree / Seed Supply	<p>To supply 7no fruit trees as follows in November 2017:</p> <p>3 x Opal Plum on Myrobolane rootstock at the discounted price of £25.00 ea = total of £75.00  1x Sunburst cherry on Colt root stock at £25.00 ea = total of £25.00  1x Stella cherry on Colt root stock at £25.00 ea = total of £25.00  2 x Early Rivers Cherry on colt rootstock at £25.00 ea = total of £50.00</p> <p>Delivery cost of £15.00</p> <p>Total of order = £190.00 (No VAT charged on fruit trees)</p> <p>Delivery address: Hucking Court, Church Road, Hucking, Nr Maidstone, Kent, ME17 1QT</p> <p>50% of costs (£95.00) to be invoiced in October 2017  50% of costs (£95.00) to be invoiced following delivery in November/December 2017</p> <p>On your invoice please provide your bank details (account number and sort code)</p>	31/12/17
2017	WMM - Coppice Management	Volunteer costs for coppicing cpt.2i2 (0.28ha) - moved to 2018	31/12/17
2017	WMM - Coppice Management	To coppicing of 0.87ha (3e7) sweet chestnut coppice - moved to 2018	31/12/17

2018	WC - Tree / Seed Supply	<p>Tree supply for Hucking Estate                  25 guelder rose (40 - 60 cm BR)) 36p = £9.00                  100 small leaved lime (40 - 60 cm BR) 48p = £48.00                  100 wild service (40 - 60 cm BR) 70p = £70</p> <p>In addition to supply from Woodland Trust core contract:                  100 x field maple (40-60) br                  100 x silver birch (40-60) br                  100 x wild cherry (40-60) br                  25 hawthorn (40 - 60 cm br)                  25 hazel (40 - 60 cm br)                  25 field maple (40 - 60 cm br)</p> <p>Delivery with Longbeech North tree order.                  Total of £127.00 + VAT</p>	31/01/18
2018	SL - Legal Obligation Work	<p>Extension area hedge cut along boundary with public road:                  - approximately 1.7km length of which approximately 0.5km of hedges to cut on both sides of the road.                  - To trim roadside hedges (side only on roadside) back to previous year's growth as marked on map. Where there are no defined hedges along the roadside boundaries marked on the map, trim back vegetation such as coppice regrowth from recently cut stools and side branches from existing trees and shrubs to ensure passing traffic is not struck by vegetation/branches. See map 5.</p>	31/01/18
2018	CS - Legal Fees (ED)	<p>Planning permission application to use extension car park off Church Road on a permanent basis.</p>	31/01/18
2018	PE - Interpretation & Signage	<p>Beer mats 2014 details:                  Printing of branded beer mats for advertising from the Hook &amp; Hatchet pub next door to Hucking Estate                  Quote details below:</p> <p>1 000 x 4 designs @ £98.00 x 4 = £392.00 less 10% Bulk discount @</p>	31/01/18

		<p>£39.20 = £352.80</p> <p>Plus VAT @ 20% Includes all PDF proofing, set-up and plating charges. Free carriage to one mainland UK address.</p> <p>Mats manufactured by us, here, in Northampton.</p> <p>Turn-around: Usually within two weeks from receipt and approval of press-ready artwork ** This is subject to production capacity at the time of sending final artwork **</p> <p>Dimensions: 94mm square with rounded corners.</p> <p>Print: Litho-press printed in full colour on one or both sides using only eco inks.</p> <p>Board: GENUINE 1200 - 1400 micron thick and THIRSTY beer mat board. Eco Credentials - 100% recyclable wood-pulp fibre board .... specially designed to absorb liquid over and over again.</p> <p>Artwork: To be supplied to our specifications... all easily obtainable from our main Thirstys website. 4 fronts and four reverse designs.</p> <p>Packing: 125's and then 1000's as standard. Separated by design. Special packing in different variables is available but needs to be priced.</p> <p>Delivery to: Clive Steward Silvertails, Rannoch Road West Crowborough East Sussex TN6 1RF</p>	
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2018	AW - Visitor Access Infrastructure	To supply 12X A2 Dibond signs with corner holes (Dog walkers' code sigs)  WT02-A2-ACL Woodland Trust signs (with 4 holes) / A2 (420x594mm) / 3mm ACM with matt lam £30.54ea  $30.54 \times 12 = 366.48 + \text{Delivery @}3.95 = \text{£}370.43 \text{ Total +VAT}$	31/01/18
2018	AW - Visitor Access Infrastructure	To supply the following FSC oak posts: 9no. 1.2m x 150mm x 100mm with a one-way weathered top oak post @ £35 + VAT each. Recesses both sides to accommodate 100mm x 117mm x 3mm 'call to action' signs @ £10 +VAT per post. Cost for 9no posts = £405.00 +VAT.  Delivery to Sovereign Forestry Contractors Ltd, Lodge Hill, Crouch Lane, Sandhurst, Kent, TN18 5PD @ £50 +VAT.  Total order = £455.00+VAT	28/02/18
2018	AW - Visitor Access Maintenance	To supply and install 2 new sleepers into the horse stile next to the church and remove the 2 old sleepers off site.	28/02/18
2018	PE - Interpretation & Signage	To supply: - 4no. A4 marine ply panels to fit into existing oak signboard frame. - 2no marine ply panels to fit into existing oak signboard frame 950mm wide x 684mm Supply short edge beading for oak lectern on Drove Road.	28/02/18
2018	CS - Legal Fees (ED)	Fee for planning permission application to convert current cattle handling area into a car park, plus installing new Woodland Trust Threshold signs for "new" car park	28/02/18
2018	WC - Tree Planting / Seeding	Beating up south east section of cpt. 1a with 500 trees. Beating up of corrals in fields - 7 trees to replace (5no oak, 1no field maple, 1no hawthorn). WT to provide trees.	28/02/18

2018	WC - Shelter Supply / Erection	To remove 0.6m high tree shelters from around trees and take off site from cpts. 2i, 2j, 4b approximately 3900no. Pales/stakes to remain on site in situ.	31/03/18
2018	WMI - General Site Restoration Work	- To clear Hall Wood of game management old infrastructures and old fences. There are at least 8-9 old feeder buckets etc. - Remove off site old stock fence through middle of Hall Wood.	30/04/18
2018	WMM - Coppice Management	To coppicing of cants: 1j2, 3c2 and 3e7 (2.67ha). To fell all coppice stems, regeneration and scrub within the 3 cants leaving standards and other trees marked by orange paint "dots" around their stem. Lop and top is to be left scattered across the site and cut up into approximately 1.5-2 metre lengths leaving the cut stumps exposed.  All timber/pulp is to be stacked within the felling area and extracted when ground conditions are drier (May/June). Gross Exp: £ Gross Inc: £	30/04/18
2018	NWH - Initial Restoration Work	Extension area: To supply and construct 2200m of stock fencing around chalk grassland sward areas. To supply and install 2no 3.6m wooden field gates - 1no into each of the new fenced areas. To supply and install 4no Woodstock - Pedestrian metal galvanised kissing gates (no mesh) - into each of the new fenced areas, see map for positions. Remove 3no water troughs off site and cut off supply to their positions. re position 1no water trough into new fenced area by extending the buried water pipe.	30/04/18
2018	NWH - Grazing Work	Extension area: Removal of 1610m of stock fence, and remove all off site - see map for fencelines.	30/04/18
2018	PE - Interpretation & Signage	Printing of branded beer mats for advertising from the Hook & Hatchet pub next door to Hucking Estate	30/04/18

Quote details (from 2014!) below:

1 000 x 4 designs @ £98.00 x 4 =  
£392.00 less 10% Bulk discount @  
£39.20 = £352.80

Plus VAT @ 20%

Includes all PDF proofing, set-up and  
plating charges.

Free carriage to one mainland UK  
address.

Mats manufactured by us, here, in  
Northampton.

Turn-around: Usually within two weeks  
from receipt and approval of press-  
ready artwork

\*\* This is subject to production capacity  
at the time of sending final artwork \*\*

Dimensions: 94mm square with  
rounded corners.

Print: Litho-press printed in full colour  
on one or both sides using only eco  
inks.

Board: GENUINE 1200 - 1400 micron  
thick and THIRSTY beer mat board.  
Eco Credentials - 100% recyclable  
wood-pulp fibre board  
.... specially designed to absorb liquid  
over and over again.

Artwork: To be supplied to our  
specifications... all easily obtainable  
from our main Thirstys website.  
4 fronts and four reverse designs.

Packing: 125's and then 1000's as  
standard. Separated by design.  
Special packing in different variables is  
available but needs to be priced.

Delivery to:  
Clive Steward  
Silvertails,

		Rannoch Road West Crowborough East Sussex TN6 1RF	
2018	PE - Interpretation & Signage	Re design and print 5000 site leaflets; reprint of 2 welcome boards. All to include extension area. Community Orchard board.	30/04/18
2018	AW - Visitor Access Infrastructure	To supply all the materials and install 2 new horse stiles as follows as per Spec. 1.11: Position: next to existing squeeze gap opposite the church off the Bridleway into the open field area:  - Dig out within the structure footprint and up to 2 metres on the field side to the same width approximately 300mm of soil and then supply and lay a layer of geotextile material topped by 300mm-350mm of Type 1 stone and consolidated, followed by constructing the stile structure. Make good the fencing either side of new structure.  Position: 15-20m west of car park entrance off Church Road. - specification would be the same as above, but to also provide a type 1 stone surface on both sides of the structure, plus cutting a gap in the roadside hedge and making this look neat, digging out any tree stump(s) which might be in the way.  All soil to remain on site.	30/04/18

2018	AW - Visitor Access Infrastructure	<p>To install the following oak posts and attach signs as indicated at the following sites - see site maps for locations:</p> <p style="text-align: center;">Sign E F1d    new oak posts</p> <p>Dering    5 5 5</p> <p>Hucking    16 16 5</p> <p>Longbeech    7 7            7</p> <p>Total    28 28 17</p> <p>At Hucking Estate, 11no new signs (E and F1d) are to go on existing gate posts and 5no to go on new posts.</p>	30/04/18
2018	AW - Visitor Access Infrastructure	<p>Extension area: To install 10no "Woodstock" medium mobility galvanised metal kissing gates with mesh hoops supplied from Centrewire. See map for locations.</p> <ul style="list-style-type: none"> <li>- Excavate approximately 75mm depth of soil within the kissing gate footprint and place 75mm Type 1 stone into base of kissing gate on top of a geotextile membrane and consolidate making sure the gate swings open and closes freely.</li> <li>- To provide a stone surface corridor either side of kissing gate (where possible) by excavating approximately 75mm depth of soil along a path 1.5m wide and 2m long and place 75mm Type 1 stone on top of a geotextile membrane and consolidate making sure the gate swings open and closes freely.</li> <li>- "Legs" of the kissing gate are to be concreted into the ground.</li> </ul> <p>Ensure kissing gate structure is tight with fence/hedge so there are no gaps.</p>	30/04/18

2018	AW - Visitor Access Infrastructure	<p>To supply 16no. 75mm X 75mm X 1100mm treated softwood posts. Attach A2 sized Dog Code sign to these posts using 2 posts per sign at the following sites:</p> <p>Hucking Estate: 7 signs - 3 as single sign positions and 4 as back to back signs at 2 locations (10 posts) Longbeech North: 1 sign (2 posts) Dering Wood: 2 signs (4 posts)</p> <p>See EMC maps for positions</p> <p>To supply 4no small standard straw bales for mulching newly planted fruit trees in the community orchard by volunteers</p>	30/04/18
2018	CS - EIA Costs	Extension area: Landscape specialist in readiness for a potential EIA	31/05/18
2018	AW - Visitor Access Infrastructure	<p>Community Orchard To construct and supply an oak Lectern frame to house your printed panel which will be 475mm tall x 342mm wide (A2).</p>	31/05/18
2018	AW - Visitor Access Maintenance	<p>Early season tidy up of the main entrances at:</p> <ul style="list-style-type: none"> <li>- Woodland Trust car park off Church Road: litter pick followed by mowing the vegetation from the edge of the car park surface to 1.5m from the bund on the field side</li> <li>- to mow the grass surface of the extended car park area off Church Road</li> <li>- Entrance beside the Hook and Hatchet pub: litter pick; mow the vegetation between the pub boundary and the hedge south west of the 3.6m gateway as follows: cut from the carriageway edge to 5 metres inside the field including UNDER THE BOUNDARY FENCE and around the information board.</li> <li>- WIPE CLEAN ALL INFORMATION BOARDS, and the 2 Threshold signs "Asda" type signs on site.</li> </ul>	31/05/18

2018	AW - Management Access Maintenance	To fill in pot holes in Church Road car park following winter wear and tear.	31/05/18
2018	AW - Visitor Access Maintenance	Extension area: first path cut: approximately 3.5km in length mown to 3m width through the fields. Short section through woodland mown to 2m width.	30/06/18
2018	AW - Visitor Access Maintenance	First path cut of approximately 13.2km - see attached notes for details and map 1. WIPE CLEAN, 3no threshold "Asda" type signs, information boards at the car park, in the pub car park and in the field adjacent to the pub. Oil (wd40 or equivalent) all padlocks on all (12) vehicle access gates into woodland/field areas.	30/06/18
2018	AW - Visitor Access Infrastructure	Community Orchard To install oak lectern in orchard.	30/06/18
2018	PE - Interpretation & Signage	Extension area: Cost for printing a double sided Woodland Trust Threshold sign for "new" car park.	30/06/18
2018	NWH - Initial Restoration Work	To flail cut 2 ex game cover crop areas totalling approximately 0.55ha (on extension area) - see map 3.	30/06/18
2018	WMM - General Site Management	Annual membership to RAMSAK Ltd	30/06/18
2018	WC - Tree Weeding / Fertilising	Herbicide applications 1m diameter spot application to: 218 field trees within corrals in grazing areas planted in Autumn 2015+2016 50 trees in natural regen area south of Pond Farm  Line application of 1metre width along the new planting rows: 17,320 trees in cpt.1a (excludes both FR plots) 1360 trees in cpt.1d 2600 trees in cpt.1e 855 trees in cpt.1g 5360 trees in cpt.2e  1.5m diameter spot application to: 100 fruit trees in community orchard	30/06/18
2018	NWH - Maintenance Work	To mow the community orchard's grassy sward in July.	31/07/18

2018	AW - Visitor Access Infrastructure	Extension area: Supply and install a wooden frame housing a double sided Woodland Trust Threshold sign for "new" car park.	31/07/18
2018	AW - Management Access Capital	Extension area: Install new height barrier at "new" car park. Supply and erect post and rail fencing around perimeter of car park area.	31/07/18
2018	AW - Visitor Access Maintenance	Second path cut - see attached notes for details and map 1. WIPE CLEAN, 3no threshold "Asda" type signs, information boards at the car park, in the pub car park and in the field adjacent to the pub.	31/07/18
2018	NWH - Grazing Work	Fee for grazier.	31/08/18
2018	WC - Tree Weeding / Fertilising	PLOT STRIMMING/MOWING (see map 2) Mow the interrow vegetation during late July/early August in: cpt.1a (gross area 10.58ha) (4.22ha +6.36ha) excludes both FR plots cpt.1d (gross area 1.18ha) cpt.1e (gross area 2.00ha) cpt.1g (gross area 0.55 ha) cpt.2e (gross area 3.06 ha)	31/08/18
2018	WC - Invasive Plant Control	Extension area: Topping of noxious weeds in extension area	31/08/18
2018	NWH - Maintenance Work	To mow the community orchard's grassy sward in September.	30/09/18
2018	NWH - Initial Restoration Work	To flail cut 2 ex game cover crop areas totalling approximately 0.55ha (on extension area) - see map 3.	30/09/18
2018	AW - Visitor Access Maintenance	Third path cut - see attached notes for details WIPE CLEAN, 3no threshold "Asda" type signs, information boards at the car park, in the pub car park and in the field adjacent to the pub.	30/09/18
2018	AW - Visitor Access Maintenance	Extension area: second path cut: approximately 3.5km in length mown to 3m width through the fields. Short section through woodland mown to 2m width.	30/09/18

2018	PE - Events - General	series of paid-for wildlife photography events at Hucking estate. Minimum 3 workshops (spring, summer, autumn)	31/10/18
2018	WMM - Ride Management	<p>WIDE RIDE MANAGEMENT WORK - September</p> <p>Zone 2 ride edge cutting see map 4: Flail using a Ryetec cut and collector the specific edge of the wide rides as marked on the map cutting all herbaceous and coppice regrowth to a distance of 5.5-6.0m from the edge of the ride. Arisings are to be dumped in piles in the mature woodland (beyond zone 3 if possible).</p> <p>Sections to cut are: 1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 35.</p> <p>Manual chainsaw coppicing of Zone 3 sections 12, 18, 23, 26. Cut material to be stacked at the rear of each section.</p> <p>To create new zone 2 and 3 total width of 12-14m: Manual chainsaw initial first coppicing of Zone 2 and 3 sections 52, 55, 59. Cut material to be chipped and chips scattered over cut area. approximately 0.4-0.5ha.</p>	31/10/18
2018	PE - Events - General	series of walks and talks around Hucking estate	17/11/18

2018	WMM - General Site Management	<p>Hedge cutting - SEE MAP 5</p> <p>To trim roadside hedges (top and roadside only) back to previous year's height as marked on map. Where there are no defined hedges along the roadside boundaries marked on the map, trim back vegetation such as coppice regrowth from recently cut stools and side branches from existing trees and shrubs to ensure passing traffic is not struck by vegetation/branches.</p> <p>Trim back hedge along TROT route at southern end of site.</p> <p>Trim hedge along boundary with Brooms Hall (top and side) on field side only.</p>	30/11/18
2018	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate every week throughout the year from January - December.	30/12/18
2018	LC - Routine Litter Picks	To emptying of dog litter bin near car park at Hucking Estate and our 2nd bin near the Hook and Hatchet Pub every week throughout the year from January - December.	31/12/18
2018	NWH - Maintenance Work	Community Orchard Volunteer group fund for training /tool/events	31/12/18
2019	WMM - Coppice Management	Coppice dying ash rich areas in south end of cpt.3e (cant 3e14) and restock. Coppicing of cant 2i2 (0.28ha)	31/03/19
2019	WMM - General Site Management	To remove off site approximately 375-400m of old rabbit fence and barbed wire along old field boundary within wood along western edge of cpt.1h and 1j. Posts can stay on site but left horizontal on the ground.	30/04/19

2019	AW - Visitor Access Infrastructure	<p>To install 2no "Woodstock" medium mobility galvanised metal kissing gates with mesh hoops supplied from Centrewire. See map for locations (in dry valley between double gates linking cpts.2d to 3b).</p> <ul style="list-style-type: none"> <li>- Excavate approximately 75mm depth of soil within the kissing gate footprint and place 75mm Type 1 stone into base of kissing gate on top of a geotextile membrane and consolidate making sure the gate swings open and closes freely.</li> <li>- To provide a stone surface corridor either side of kissing gate (where possible) by excavating approximately 75mm depth of soil along a path 1.5m wide and 2m long and place 75mm Type 1 stone on top of a geotextile membrane and consolidate making sure the gate swings open and closes freely.</li> <li>- "Legs" of the kissing gate are to be concreted into the ground.</li> </ul> <p>Ensure kissing gate structure is tight with fence/hedge so there are no gaps.</p>	30/04/19
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## APPENDIX 1: COMPARTMENT DESCRIPTIONS

Cpt No.	Area (ha)	Main Species	Year	Management Regime	Major Management Constraints	Key Features Present	Designations
1a	22.77	Mixed native broadleaves	2000	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This contains a mixture of secondary woodland (7.93ha) planted in 1999, an area of semi-natural ancient woodland (0.1ha) and an area covering 10.66 ha which is currently being grazed but awaiting conversion to secondary woodland in 2014/15. In the middle of this sub-compartment a shallow dry valley runs northwards out beyond The Woodland Trust boundary. Within this valley are a number of shallow chalk pits including a chalk hole or pit called Cobler's Hole. This sub-compartment joins onto a small area of semi-natural ancient woodland called Four Acre Wood along the northern edge beyond the Woodland Trust's boundary. Our 0.1ha area of ancient woodland links to this woodland block, and this has a ground cover typical of W10 woodland (Dogs mercury, bramble and bluebells) with hornbeam coppice stools, beech standards and wild cherry trees. Within the secondary woodland area are the 2 Forest Research long term species trial plots which cover 4.08ha, each within individually deer fenced enclosures. (1.1ha to be leased to the owner of Pond Farm in 2014 which includes the Atcost barn.)</p>							
1b	1.46	Mixed native broadleaves	2000	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
<p>Secondary woodland planted in winter of 1999/2000. A water pip runs beneath this sub-compartment to supply Pond Farm.</p>							
1c	5.15	Mixed native broadleaves	2000	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
<p>Secondary woodland planted in winter of 1999/2000. A small area exists in the extreme southwest corner next to Pond Farm which is being stocked through natural regeneration since 2009.</p>							

1d	3.50	Mixed native broadleaves	2000	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This sub-compartment is situated on the eastern slope of the main dry valley which runs through Hucking Estate and on part of the flat plateau area above the valley. It is partly formed of 2.30ha of secondary woodland planted in the winter of 1999/2000 which links to sub-compartment 1i which is ancient woodland. A further 1.18ha on the plateau was planted in the winter of 2013/14.</p>							
1e	2.01	Mixed native broadleaves	2014	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This sub-compartment is being stocked by natural regeneration from the mature field boundary hedge formed of mainly ash and small leaved lime which runs through the middle of it, and supplemented by tree planting in the winter of 2013/14. It was fenced off from the surrounding grazed area in 2007.</p>							
1f	4.64	Mixed native broadleaves	2010	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty
<p>This contains a mixture of secondary woodland established during the winter of 1999/2000 (1.86ha) along the eastern boundary next to the public highway, and the remaining area of 2.77ha which was planting under the Tree For All project between 2008 - 2010. Along the southern boundary with the public highway runs a small strip of mature mixed broadleaves (mainly ash) and within it lie 3 depressions of which the most easterly one could be an old chalk hole, measuring 4-5m diameter and 3m deep.</p>							
1g	0.57	Mixed native broadleaves	2013	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
<p>Secondary woodland established during the winter of 2012/13.</p>							

1h	2.31	Mixed native broadleaves	1700	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This is an area of W8 semi-natural ancient woodland known as Long Wood and is formed of mixed broadleaved coppice with occasional oak and beech standards. It is situated on the western slope of the main dry valley which runs through Hucking Estate. The ground slopes steeply down from west to east. The coppice has not been cut since 1970's, stools are widely spaced, with ash regeneration appearing in the gaps in the canopy where coppice stools have been windblown in 1987/90 or collapsed. An active badger sett lies within this sub-compartment. Ground flora dominated by dog's mercury with bluebell, moschatel (<i>Adoxa moschatellina</i>), wood anemone, lord's-and-ladies, toothwaite (<i>Lathraea squamaria</i>), yellow archangel (<i>Lamium galeobdolon</i>) and bramble.</p>							
1i	0.97	Mixed native broadleaves	1700	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>Known as Round Wood, the oak exists as scattered standards with occasional mature ash and beech (150 - 200 years) intimately mixed with elder, sycamore coppice and maidens, field maple, hornbeam coppice, goat willow and hawthorn. Replanting of understocked areas was carried out in 1998/99 in the southern part adjacent to the road (Glass Hill) with native mixed broadleaves. The ground cover is bramble, nettle and grasses with bluebell established under the Ancient Wooded parts.</p>							
1j	1.38	Sycamore	1700	Coppice		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This is an area of W8 semi-natural ancient woodland known as Long Wood and is formed of mainly sycamore with mixed broadleaved coppice species and the occasional oak and beech standards. It is situated on the western slope of the main dry valley which runs through Hucking Estate. The ground slopes steeply down from west to east. Ground flora dominated by dog's mercury with bluebell, moschatel (<i>Adoxa moschatellina</i>), wood anemone, lord's-and-ladies, toothwaite (<i>Lathraea squamaria</i>), yellow archangel (<i>Lamium galeobdolon</i>) and bramble.</p>							

2a	0.56	Mixed native broadleaves	2000	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Secondary woodland planted in winter of 1998/1999 with native mixed broadleaves. This is a narrow strip planted along the site boundary adjacent to a public highway.							
2b	1.43	Mixed native broadleaves	1999	Wood establishment	Diseases	Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Existing secondary woodland planted in winter of 1998/99 with native mixed broadleaves which buffers the northern end of Crabtree Wood an ancient woodland area; the remaining secondary woodland area which buffers the eastern side of Crabtree Wood and the northern part of Calves Wood in the south east corner of this sub-compartment is being stocked through extensive ash natural regeneration suffering from ash dieback fungus but also contains a small area of wild cherry planted in 1998/99.							
2c	2.50	Mixed native broadleaves	1999	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Secondary woodland planted in winter of 1998/1999 with native mixed broadleaves as a buffer to an area of ancient woodland to its east known as Crabtree Wood. Sponsored Woodland Creation plots are situated amongst the planting.							
2d	11.85	Mixed native broadleaves	1700	Coppice		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order

This sub-compartment is formed of 2 areas of semi-natural ancient woodland Crabtree Wood and Eastfield Wood which is joined together by a narrow strip of ancient woodland beside Broadstreet Hill public highway. Crabtree Wood is a mixture of W10 woodland on the higher ground and W8 on the slopes down into the shallow valley which runs through this area. It is an ancient woodland area which has been mainly managed as coppice with standards and contains mixed broadleaved coppice species with oak standards. A small area of oak high forest is situated in the north west of this sub-compartment. Ground flora dominated by bramble, bluebell and patches of bracken under gaps in the canopy. A substantial lynchet runs north east-south west through this sub-compartment at the southwest end. Eastfield Wood is a Site of Nature Conservation Interest and predominately W10 woodland with a small area of W8 along the eastern side. The ground flora contains a good mix of common woodland plants: bramble and bluebells dominate the more acidic clays (W10) but moschatel (*Adoxa moschatellina*), early purple orchid (*Orchis mascula*), greater burnet saxifrage (*Pimpinella major*), early dog-violet (*Viola reichenbachiana*), Wood anemone and dog's mercury (*Mercurialis perennis*) are common in the calcareous W8 part. The tree species are dominated by ash and field maple managed historically for coppice with oak and the occasional small leaved lime standard.

2e	8.28	Mixed native broadleaves	1999	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
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This contains an area of secondary woodland (5.44ha) which buffers along the eastern side of Eastfield Wood and the southern boundary of Crabtree Wood, and an area of woodland creation (3.06ha) planted in the winter of 2011/12 which extends the planting down into the slopes of the dry valley giving the valley woodland boundary a more naturalised edge to it.

2f	2.42	Mixed native broadleaves	1999	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
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Secondary woodland planted in winter of 1998/1999 with native mixed broadleaves. This is a narrow strip planted along the site boundary adjacent to Broadstreet Hill public highway at the top of the scarp slope of the North Downs.

2g	3.38	Mixed native broadleaves	1999	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
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Secondary woodland planted in winter of 1998/1999 to buffer the edges of Smokes Wood. The boundary between sub-compartment 2g and 5c is approximately the alignment of the ancient ridgeway route along the crest of the North Downs.							
2h	0.94	Mixed native broadleaves	1999	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Secondary woodland planted in winter of 1998/1999 which was planted to buffer the western side of Forestall Wood along the southern site boundary at the top of the scarp slope of the North Downs.							
2i	14.01	Mixed native broadleaves	1999	Coppice	Diseases	Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Secondary woodland planted in winter of 1998/1999 to buffer the edges of Smokes Wood with an area being left for natural regeneration in the far southeast of this area which contains ash suffering from ash dieback disease. Due to ash dieback disease the 2.30ha of natural regeneration area will be planted with mixed native broadleaved trees in winter of 2014/15. Sponsored Woodland Creation plots are situated amongst the secondary woodland. Along the eastern side of this sub-compartment runs the ancient track called the Droveaway.							
2j	2.01	Mixed native broadleaves	1999	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Secondary woodland planted in winter of 1998/1999 with native mixed broadleaves along the northern edge with the public road. A smaller area (0.78ha) on the plateau was planted in the winter of 2011/12 with native mixed broadleaves.							
3a	1.41	Mixed native broadleaves	1700	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order

<p>Known as Hucking Bank, this sub-compartment forms a west to south westerly facing bank with a steep slope down into the valley from east to west. This was once a linear chalk quarry, with a scarp face of 4-10m high. Trees of W8 woodland type are found here mainly yew with some ash and beech which was partly windblown with some of the windblown areas replanted with ash, beech and yew in 2000. Regeneration of elder and wild clematis has filled in most of the unplanted gaps.</p>							
3b	7.82	Mixed native broadleaves	1700	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This forms the northern part of the core ancient woodland area at Hucking Estate which includes Stubbs Wood and part of Smokes Wood. It is classified as a W10 woodland type with a ground flora dominated by bluebell and bramble. Historically the trees in this sub-compartment have been managed as coppice with oak standards, with coppice stools of hornbeam, ash, field maple, sycamore, hazel and hawthorn. The majority of the coppice stools are now too old to coppice. The south western edge along the edge of the dry valley has a number of old chalk quarry workings dug into the valley side.</p>							
3c	5.78	Sweet chestnut	1800	Coppice		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>Part of Smokes Wood core ancient woodland area, this sub compartment is formed of sweet chestnut and native mixed broadleaved coppice with oak standards and is classified as a W10 woodland type with a ground flora dominated by bluebell and bramble. It also contains part of the managed wide ride habitat. The "Living Log" sculpture is situated at the major ride junction.</p>							
3d	10.65	Sweet chestnut	1800	High forest		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order

Part of Smokes Wood core ancient woodland area, this sub compartment contains sweet chestnut coppice which has been singled and thinned to convert it towards high forest. The northwest part contains ash and field maple coppice. It is classified as a W10 woodland type with a ground flora dominated by bluebell and bramble. It also contains part of the managed wide ride habitat.

3e	18.75	Sweet chestnut	1800	Coppice		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
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London Wood, Chitts Wood and Ten Acres all part of the core ancient woodland area form this sub compartment, which contains mostly sweet chestnut coppice with some native mixed broadleaved species such as ash, hazel and field maple. Chitts Wood contains a collection of over mature beech trees which are all in a state of decline due to their age. It is classified as a W10 woodland type with a ground flora dominated by bluebell and bramble. It also contains part of the managed wide ride habitat along the Drove way which is itself the route of an ancient track.

An old chalk hole is located next to the Drove way in Ten Acres which has security fencing around its perimeter to prevent access. This chalk well was surveyed in 1965 by the Swale Archaeological Research Group who reported it in Archaeologia Cantiana, and was reported to be in good condition. Between 1965 and 1998 it was filled with rubbish and soil and this was cleared out by the Kent Underground Unit in 2006 for a potential bat habitat and subsequently fenced.

At the southern end of Ten Acre Wood next to the Drove way is a line of excavations which are now water filled and appear as a pond today. These were marked on the 1801 map and have been identified as iron diggings in the Lenham Beds.

The northern boundary of Chitts Wood has a bank situated along its edge with the Drove Way, and this is the Parish boundary between Hollingbourne and Hucking and was probably established after the Norman Conquest.

3f	1.74	Sycamore	1800	Coppice		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
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This compartment is formed by Pudding Dane Wood as part of the core ancient woodland area and contains mostly sycamore coppice with some native mixed broadleaved species such as ash, hazel and field maple and oak and ash standards. It is classified as a W10 woodland type with a ground flora dominated by bluebell and bramble.

3g	11.01	Oak (pedunculate)	1700	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This compartment is formed by Squawlands Wood and Bolton's Wood as part of the core ancient woodland area. It is classified as a W10 woodland type with a ground flora dominated by bluebell and bramble. The central part of this sub-compartment has an open characteristic to it with a more scrubby woodland type of mature hawthorn trees and oak standards. Historically this was woodland but was converted to agriculture in the late 1600's approximately and reverted back to woodland again during the early 20th century. The southern part is ash coppice which has been singled and thinned to convert it towards high forest. This sub compartment also contains part of the managed wide ride habitat.</p>							
3h	3.09	Mixed native broadleaves	1700	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
<p>This compartment is formed by Forestall Wood as part of the core ancient woodland area and is at the southern end of Hucking Estate at the top of the scarp slope of the North Downs and which is W8 woodland type.</p>							
4a	22.23	Mixed native broadleaves	2000	High forest		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order

Secondary woodland established during the winter of 1999/2000 with mixed native broadleaves and open ground or unplanted land which is converting to secondary woodland. The main southern area planted buffers the eastern side of Stubbs and Smokes Wood. The existing secondary woodland consists of 3 separate areas which were planted totalling 16.38ha, except for 0.73ha in the south western block which has been established through natural regeneration. The natural regeneration area consists of goat willow and ash at present. Significant regeneration nearest to the semi-natural ancient woodland edge is now occurring through the planted area, particularly now that canopy closure has started which shades out the competing grass rich ground vegetation. 21 species have been recorded: ash, goat willow, pedunculate oak, hawthorn, bramble, downy birch, willow, sycamore, clematis, hornbeam, dog rose, blackthorn, dogwood, silver birch, hazel, buddleia, aspen, gorse, field maple, and ivy.

Through the middle of this sub compartment are 2 additional areas set aside for natural regeneration which was started in 2005. Good regeneration of hawthorn, oak and ash are occurring.

4b	0.80	Mixed native broadleaves	2011	Wood establishment		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
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Secondary woodland established during the winter of 2011/12 with mixed native broadleaves.

4c	0.92	Mixed native broadleaves	1900	Min-intervention		Informal Public Access	Ancient Semi Natural Woodland, Area of Outstanding Natural Beauty, Tree Preservation Order
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Part of Spratts Dane Wood of W8 woodland type semi-natural ancient woodland, contains mature mixed broadleaved coppice of Sweet chestnut, hazel, birch, some aspen and scattered oak standards in the northwest part of this compartment. To the south and east there is a higher concentration of oak standards over mainly hazel coppice. Ground cover dominated by bluebells. An open chalkhole is present in this compartment.

4d	2.08	Mixed native broadleaves	1999	Min-intervention		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
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Secondary woodland established during the winter of 1999/2000 with mixed native broadleaves. It also includes an area of ex arable land on its eastern side which is converting to secondary woodland through natural regeneration with oak, hazel and hawthorn being recorded.

5a	18.18	Open ground	1999	Wood pasture		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Semi-natural open space area to be grazed. In 2011, 9 individual oak trees were planted across this sub compartment as trees outside woodlands each surrounded by a post and rail corral.							
5b	13.60	Open ground	1999	Wood pasture		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Semi-natural open space area to be grazed. This also includes approximately 1.18ha set aside for the community orchard immediately south of Hucking village and the village church containing 56 fruit trees (apple, cherry and plum) planted in 2012. In 2011, 7 individual oak trees were planted across this sub compartment as trees outside woodlands each surrounded by a post and rail corral.							
5c	18.29	Open ground	1999	Wood pasture		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Semi-natural open space area to be grazed. In 2011, 9 individual oak trees were planted across this sub compartment as trees outside woodlands each surrounded by a post and rail corral.							
5d	5.00	Open ground	1999	Non-wood habitat		Informal Public Access	Area of Outstanding Natural Beauty, Tree Preservation Order
Ex arable land which is not part of the grazing area, but is being kept open by mowing. In 2011, 5 individual oak trees were planted as trees outside woodlands.							

## Appendix 2: Harvesting operations (20 years)

Forecast Year	Cpt	Operation Type	Work Area (ha)	Estimated vol/ha	Estimated total vol.
2015	2d	Coppice	1.00	107	107
2015	3f	Coppice	1.40	107	150
2016	3d	Thin	2.50	116	290.5
2018	1j	Coppice	0.72	139	100
2018	3c	Coppice	1.08	139	150
2018	3e	Coppice	0.87	115	100
2019	2e	Coppice	0.28	36	10
2019	3e	Coppice	1.49	101	150
2021	1j	Coppice	0.67	149	100
2021	3c	Coppice	1.56	160	250
2021	3e	Coppice	0.79	171	135
2021	3e	Coppice	0.85	173	147
2023	3e	Coppice	0.87	98	85
2023	3e	Coppice	0.81	142	115
2024	2d	Coppice	1.12	89	100
2024	3c	Coppice	0.86	99	85
2024	3e	Coppice	1.32	98	130
2025	3e	Coppice	1.31	61	80
2025	3e	Coppice	1.57	146	230
2026	2d	Coppice	0.68	96	65
2026	2i	Coppice	2.08	48	100
2026	3e	Coppice	0.80	50	40

## GLOSSARY

### **Ancient Woodland**

Ancient woods are defined as those where there has been continuous woodland cover since at least 1600 AD. In Scotland ancient woods are defined strictly as sites shown as semi-natural woodland on the 'Roy' maps (a military survey carried out in 1750 AD, which is the best source of historical map evidence) and as woodland all subsequent maps. However, they have been combined with long-established woods of semi-natural origin (originating from between 1750 and 1860) into a single category of Ancient Semi-Natural Woodland to take account of uncertainties in their identification. Ancient woods include Ancient Semi-Natural Woodland and plantations on Ancient Woodland Sites (see below). May support many species that are only found in ancient woodland.

### **Ancient Semi - Natural Woodland**

Stands in ancient woods defined as those consisting predominantly of native trees and shrubs that have not obviously been planted, which have arisen from natural regeneration or coppice regrowth.

### **Ancient Woodland Site**

Stands in ancient woods that have been converted to plantations, of coniferous, broadleaved or mixed species, usually for timber production, including plantations of native species planted so closely together that any semi-natural elements of the understorey have been suppressed.

### **Beating Up**

Replacing any newly planted trees that have died in the first few years after planting.

### **Broadleaf**

A tree having broad leaves (such as oak) rather than needles found on conifers (such as Scots pine).

### **Canopy**

The uppermost layer of vegetation in a woodland, or the upper foliage and branches of an individual tree.

### **Clearfell**

Felling of all trees within a defined area.

### **Compartment**

Permanent management division of a woodland, usually defined on site by permanent features such as roads. See Sub-compartments.

### **Conifer**

A tree having needles, rather than broadleaves, and typically bearing cones.

### **Continuous Cover forestry**

A term used for managing woods to ensure that there are groups or individual trees of different ages scattered over the whole wood and that some mature tree cover is always maintained. Management is by repeated thinning and no large areas are ever completely felled all at once.

### **Coppice**

Trees which are cut back to ground levels at regular intervals (3-25 years).

### **Exotic (non-native) Species**

Species originating from other countries (or other parts of the UK) that have been introduced by humans, deliberately or accidentally.

### **Field Layer**

Layer of small, non-woody herbaceous plants such as bluebells.

### **Group Fell**

The felling of a small group of trees, often to promote natural regeneration or allow planting.

### **Long Term Retention**

Discrete groups of trees (or in some cases single trees) that are retained significantly past their economic felling age. Operations may still be carried out within them and thinning is often necessary to maintain stability.

### **Minimum Intervention**

Areas where no operations (such as thinning) will take place other than to protect public safety or possibly to control invasive exotic species.

### **Mixed Woodland**

Woodland made up of broadleaved and coniferous trees.

### **National vegetation classification (NVC)**

A classification scheme that allows an area of vegetation to be assigned to the standardised type that best matches the combination of plant species that it contains. All woodlands in the UK can be described as being one of 18 main woodland types (W1 - W18), which principally reflect soil and climatic conditions. For example, Upland Oakwoods are type W11, and normally occur on well drained infertile soils in the cooler and wetter north and west of Britain. Each main type can be subdivided into numerous subtypes. Most real woods contain more than one type or sub-type and inevitably some woods are intermediate in character and can't be properly described by any sub type.

### **Native Species**

Species that arrived in Britain without human assistance.

### **Natural Regeneration**

Naturally grown trees from seeds falling from mature trees. Also regeneration from coppicing and suckering.

## **Origin & Provenance**

The provenance of a tree or seed is the place where seed was collected to grow the tree or plant. The origin is the geographical location within the natural range of a species from where seeds/tree originally derives. Thus an acorn collected from a Turkey oak in Edinburgh would have an Edinburgh provenance and a southern European origin.

## **Re-Stocking**

Re-planting an area of woodland, after it has been felled.

## **Shrub Layer**

Formed by woody plants 1-10m tall.

## **Silviculture**

The growing and care of trees in woodlands.

## **Stand**

Trees of one type or species, grouped together within a woodland.

## **Sub-Compartment**

Temporary management division of a compartment, which may change between management plan periods.

## **Thinning**

The felling of a proportion of individual trees within a given area. The remaining trees grow to fill in the space created.

## **Tubex or Grow or Tuley Tubes**

Tubes placed over newly planted trees or natural regeneration that promote growth and provide protection from animals such as rabbits and deer.

## **Weeding**

The control of vegetation immediately around newly planted trees or natural regeneration to promote tree growth until they become established. Either by hand cutting or with carefully selected weed killers such as glyphosate.

## **Windblow/Windthrow**

Trees or groups of trees blown over (usually uprooted) by strong winds and gales.