


Woodland Management Plan

Woodland Property Name	Example 4	
Case Reference	00004	
Plan Period dd/mm/yyyy (ten years)	Approval Date: 01/04/2014	To: 31/03/2024
Five Year Review Date	01/04/2019	

Revision No.	Date	Status (draft/final)	Reason for Revision
First Draft	11 02 2014	Draft	
The landowner agrees this plan as a statement of intent for the woodland			<input checked="" type="checkbox"/>

User Support

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UKFS Management Planning Criteria

Approval of this plan will be considered against the following UKFS criteria, prior to submission review your plan against the criteria using the check list below.

No.	UKFS Management Plan Criteria	Approval Criteria	Applicant Check
1	Forest management plans should state the objectives of management and set out how the appropriate balance between economic, environmental and social objectives will be achieved.	Have objectives of management been stated? Consideration given to economic, environmental and social factors (Section 2.2)	<input checked="" type="checkbox"/>
2	Forest management plans should address the forest context and the forest potential and demonstrate how the relevant interests and issues have been considered and addressed.	Does the management strategy (section 6) take into account the forest context and any special features identified within the woodland survey (section 4)	<input checked="" type="checkbox"/>
3	In designated areas, for example national parks, particular account should be taken of landscape and other sensitivities in the design of forests and forest infrastructure.	Have appropriate designations been identified (section 4.2) if so are these reflected through the work proposals in the management strategy (Section 6)	<input checked="" type="checkbox"/>
4	At the time of felling and restocking, the design of existing forests should be re-assessed and any necessary changes made so that they meet UKFS Requirements.	Felling and restocking are consistent with UKFS forest design principles (Section 5 of the UKFS)	<input checked="" type="checkbox"/>
5	Consultation on forest management plans and proposals should be carried out according to forestry authority procedures and, where required, the Environmental Impact Assessment Regulations.	Has consultation happened in line with current FC guidance and recorded as appropriate in section 7	<input checked="" type="checkbox"/>
6	Forests should be designed to achieve a diverse structure of habitat, species and ages of trees, appropriate to the scale and context.	Do the felling and restocking proposals create or improve structural diversity (refer to the plan of operations)	<input checked="" type="checkbox"/>
7	Forests characterised by a lack of diversity due to extensive areas of even-aged trees should be progressively restructured to achieve a range of age classes.	Do the felling and restocking proposals create or improve age class diversity (refer to the plan of operations)	<input checked="" type="checkbox"/>
8	Management of the forest should conform to the plan, and the plan should be updated to ensure it is current and relevant.	Has a five year review period been stated below and achievements recorded in section 3	<input checked="" type="checkbox"/>
9	New forests and woodlands should be located and designed to maintain or enhance the visual, cultural and ecological value and character of the landscape.	When new planting is being proposed under this plan is consistent with UKFS and FC guidance on woodland creation	<input checked="" type="checkbox"/>

1. Property Details

Woodland Property Name		Example 4	
Name	Hon Dave Woodland	Owner <input checked="" type="checkbox"/>	Tenant <input type="checkbox"/>
Email	Dave.woodland@woodlands.uk	Contact Number	01808 888 888
Agent Name (if applicable)		Woodland Forestry	
Email	Terry.agent@woodlands.uk	Contact Number	01808 888 8888
County	South West	Local Authority	South West
Grid Reference 	SW661894	Single Business Identifier 	000000004
Management Plan Area (Hectares)		72.56	
Have you included a Plan of Operations with this management plan?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
List the maps associated with this management plan		Appendix 1a - MAGIC Designations Appendix 1a - MAGIC Habitat Appendix 1b - NBN EPS & Sch. 1 (x8) Appendix 1b - NBN Priority Species (x18) Appendix 1c - Soilscape (x3) Appendix 1c - MAGIC OS Appendix 1d - General Estate Appendix 2ai - Compartment (x3) Appendix 2b - Crop & Constraints (x3) Appendix 2c - Thinning Plans (x3) Appendix 2d - Felling and Restocking Plans (x3) Appendix 3a - Landscape Statement and Plans Appendix 3b - Tree Report and Plans	
Do you intend to use the information within the management plan and associated plan of operations to apply for the following		Felling Licence <input checked="" type="checkbox"/> Thinning Licence <input checked="" type="checkbox"/> Woodland Regeneration Grant <input checked="" type="checkbox"/>	

Tick to declare management control and agreement to public availability of the plan



2. Vision and Objectives

To develop your long term vision, you need to express as clearly as possible the overall direction of management for the woodland(s) and how you envisage it will be in the future. This covers the duration of the plan and beyond.

2.1 Vision

Describe your long term vision for the woodland(s).

Over the next 10 years, the vision is in two parts.

For the woods within the vicinity of Example 4 (site of the historic building and the new planning permission to rebuild it), the vision is to see the woods and wooded areas managed in accordance with the approved landscape scheme for the re-building of the old hall,* i.e. to see them restored as a setting for the new building and as an area of private amenity for the family to take their leisure in. This will involve clearing invasive cherry laurel to allow the re-instatement of open ground and space in which to plant specimen plants and trees. Existing specimen trees will be safeguarded, managed and returned to greater prominence. Recent inappropriate woodland planting in the old walled vegetable garden will be removed and if necessary replanted elsewhere.

These woods also perform an important screening function next to the A721 and the trees within these areas should be safeguarded through sustained low impact thinning. The felling of large potentially dangerous trees near the road will create an opportunity to establish more native evergreen cover (yew and holly) as well as the recruitment of young high canopy species such as beech, lime and oak further back in the woods.

The first 2-5 years of this plan will see much intervention and restoration restructuring in these woods, after which management will be characterised by gentle refinement.

For the balance of the estate's woods, future management will focus on developing generally young stands of native and honorary native species back towards high canopy broadleaf woodland, to further enhance their landscape contribution. Most of these woods are ancient and so enhancing current and realizing latent ecological value will be a core objective.

The next 10 years will in most areas be a period of consolidation and gradual development. Over the longer term (10-30 years), there will be a stronger drive to diversify the woods in age class and composition in keeping with the principles of continuous cover forestry. This is to improve their resilience to threats, notably adverse weather, climate change and pests and diseases so that the beautiful local landscape is conserved and enhanced.

* - Note: Planning permission for the new hall has been granted but at the time of

writing this management plan a new planning application is being drawn up for submission to SDC to make alterations to the approved plan. A copy of the Landscape Strategy and Tree Report used to support the original application and now amended to support the revised applicant are presented at Appendix 3 for reference.

2.2 Management Objectives

State the objectives of management demonstrating how sustainable forest management is to be achieved. Objectives are a set of specific, quantifiable statements that represent what needs to happen to achieve the long term vision.

No.	Objectives (include environmental, economic and social considerations) ¹
1	To clear invasive species in the amenity woods and <u>recreate historic form² and function in accordance with the LPA approved landscaping scheme for the rebuilding of Example 4^{3 4}</u> and the recreation of its historic setting.
2	To allow <u>greater species and age class diversity⁵</u> in the amenity woods, to allow compliance with the original principles of this amenity area, but taking into account current threats and uncertainties.
3	To ensure that the trees and woods on the estate are maintained in a reasonably safe condition in <u>accordance with the landowner's duty of care^{6 7}</u> .
4	To apply a programme of commercial silviculture to all woodland areas, tailored to <u>each individual wood's respective landscaping⁸ and ecological importance⁹</u> , to deliver utilisable products for commercial sale.

¹ General Forestry Practice – Good forestry practice requirement: 9 - Forest management plans should state the objectives of management, and set out how the appropriate balance between economic, environmental and social objectives will be achieved.

² Forests and Historic Environment – Good forestry practice requirement: 1 – Forests should be designed and managed to take account of the historical character and cultural values of the landscape.

³ Forests and Landscape – Good forestry practice requirement: 2 - Forests should be designed and managed to take account of landscape designations, designed landscapes, historic landscapes and the various policies that apply.

⁴ Forests and Historic Environment – Good forest practice requirement: 2 - Forests should be designed and managed to take account of policies associated with historic landscapes, battlefield sites, historic parks and gardens, and designed landscapes of historic interest.

⁵ General Forestry Practice – Good forestry practice requirement: 14 - Forests should be designed to achieve a diverse structure of habitat, and species and ages of trees, appropriate to the scale and context. 15 - Forests characterised by a lack of diversity due to extensive areas of even-aged trees should be progressively restructured to achieve a range of age classes.

⁶ General Forestry Practice – Legal requirement: 1 - Forestry activities and businesses must comply with all relevant laws and regulations.

⁷ Forests and People – Legal requirement: 11 - The landowner or manager must discharge their statutory duty of care in relation to people visiting land, whether or not they are there with permission.

⁸ Forests and Historical Environment – Good forestry practice requirement: 1 - Forests should be designed and managed to take account of the historical character and cultural values of the landscape.

No.	Objectives (include environmental, economic and social considerations) ¹
5	To undertake widespread selective thinning in established woodland stands to develop the best trees of all species, but notably those that best deliver the commercial, <u>landscape</u> ¹⁰ and <u>ecological</u> ¹¹ priorities for each individual sub-cpt.

⁹ General Forestry Practice – Legal requirement: 5 - The impacts of forestry on the environment must be taken into account in the submission of forestry proposals.

¹⁰ Forests and Historic Environment – Good forestry practice requirement: 2 - Forests should be designed and managed to take account of policies associated with historic landscapes, battlefield sites, historic parks and gardens, and designed landscapes of historic interest.

¹¹ Forests and Biodiversity – Good forestry practice requirement: 1 - Forests and woodlands should be managed in a way that conserves or enhances biodiversity; opportunities for enhancing biodiversity should be considered in forest management plans.

3. Plan Review - Achievements


Use this section to identify achievements made against previous plan objectives. This section should be completed at the 5 year review and could be informed through monitoring activities undertaken.

Objectives	Achievement
No previous plan before this one, so the first review will be of the above objectives after the initial five years of this management plan	

4. Woodland Survey

This section is about collecting information relating to your woodland and its location, including any statutory constraints i.e. designations.

4.1 Description

<p>Brief description of the woodland property </p>	<p>Example 4 is a compact mixed estate focused around the site of a long since demolished mansion house, for which planning permission has been granted to rebuild a similar prestige property [see Note at section 2.1 above for clarification on the current planning status].</p> <p>Immediately beyond the remaining stableblock are the remnants of the formal gardens and 'pleasure grounds' which have been left over many decades to fall in to a state of disrepair. Originally planted, there is now widespread invasive cherry laural between open grown mature and over mature mixed specimen trees. These areas give way to more typical Bunbury beech dominated woodland as they stretch out along the B4000, where they perform an important screening function.</p> <p>Overall, the estate is roughly half farmland (pasture) and half woodland. Most of the woodland is associated with the steep and sinuous northern edge of the Bunbury. From Example 4, these woods provide a very attractive and naturalist middle distance view, framing the Severn Estuary and the The Forest of Dean, with distant views of the Welsh Mountains on the western horizon.</p> <p>These more extensive woods are recorded as ancient, both Semi-Natural and Plantation on Ancient Woodland Site (PAWS), although they lack mature trees and are instead dominated by young and mid age stands.</p>
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	<p>Topography</p> <p>The estate sits astide the plateau top and upper slopes of the steep northern scarp slope of the Bunbury, wrapping around a small but steep east-west valley fold, giving both north and south facing aspects. There is an altitudinal range of 145m, from 100m asl at the western valley bottom to 245m asl at the top of the escarpment in the south-east of the estate. See the MAGIC OS Map at Appendix 1C for more information.</p> <p>Climate</p> <p>Met Office data from Lynham indicates an average annual precipitation of 707.2ml, although the exposed location of the estate on the edge of the Severn Estuary would lead one to expect higher figures on site. See Appendix 1C for a full Met Office data set print out.</p> <p>Soil</p> <p>Cranfield University data shows the whole estate dominated by the following soil type:</p> <p>"Shallow lime-rich soils of chalk or limestone"</p> <p>However, there is a band of:</p> <p>"Lime-rich loamy and clayey soils with impeded drainage" across the estate, which coincides with the springline which is evident on the estate and in the woods.</p> <p>See Appendix 1C for Soilscape plans of the area with soil composition descriptions.</p>
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4.2 Information

Use this section to identify features that are both present in your woodland(s) and where required, on land adjacent to your woodland. It may be useful to identify known features on an accompanying map. Woodland information for your property can be found on the ['Magic'](#) website or the Forestry Commission [Land Information Search](#).

Feature	Within Woodland(s)		Cpts	Adjacent to Woodland(s)		Map No
Biodiversity - Designations						
Site of Special Scientific Interest	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Special Area of Conservation	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Tree Protection Order	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Special Protection Area	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Ramsar Site	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
National Nature Reserve	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Local Nature Reserve	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Other (please Specify):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Notes						

Feature		Within Woodland(s)		Cpts	Map No	Notes
Biodiversity - European Protected Species						
Bat	Species (if known) See to the right	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		NBN Appendix 1B	Noctule bat and soprano pipistrelle bat recorded several km south and not known close to the site. Brown long-eared bat nearby to the south-west of the site but not recorded on site. Lesser horseshoe bat recorded

						<p>several km south and not known close to the site.</p> <p>Bats could be on site in association with some of the mature/over mature/ large dead trees present. Therefore good practices should be followed when working in these woods.</p>
Dormouse		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Recorded further west (+1km). Possible but unlikely to be present on site due to lack of suitable habitat.
Great Crested Newt		Yes <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Recorded some distance to the north and south. Not expected on site.
Otter		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Recorded some distance to the north and south. Not expected on site.
Sand Lizard		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Smooth Snake		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Natterjack Toad		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Biodiversity – Priority Species						
Schedule 1 Birds	Species Greater Scaup duck	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Greater Scaup duck recorded some distance to the south west. Not expected on site.
Mammals (Red Squirrel, Water Vole, Pine Marten etc)		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Water vole some distance to the south west and not expected on site. Hedgehog recorded

					nearby but not on site, but possibly present. Brown hare recorded some distance to the west, but possible on site.
Reptiles (grass snake, adder, common lizard etc)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Slow worm, grass snake and common lizard recorded near to but not on site, but possibly present, although lacking water for grass snake.
Plants	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Fungi/Lichens	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Invertebrates (butterflies, moths, beetles etc)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		NBN Appendix 1B	Rock-nose pot beetle recorded to the north-west.
Amphibians (pool frog, common toad)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		NBN Appendix 1B	Common toad recorded across the hold 10km grid square.
Other (please Specify): Priority birds, bony fish and white clawed crayfish recorded in the area and on site.	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		NBN Appendix 1B	
Historic Environment					
Scheduled Monuments	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			MAGIC - Appendix 1A
Unscheduled Monuments	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Scheduled Landscapes	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Registered Parks and Gardens	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Boundaries and Veteran Trees	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			Roadside stone walls.
Other (please Specify): Listed buildings	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			MAGIC - Appendix 1A
Landscape					
National Character Area (please Specify): Bunbury					
National Park	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Area of Outstanding Natural Beauty	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	All		MAGIC - Appendix 1A
Other (please Specify):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
People					

CROW Access	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Public Rights of Way (any)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Various		OS Map - Appendix 1C
Other Access Provision	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Public Involvement	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Visitor Information	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Public Recreation Facilities	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Provision of Learning Opportunities	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Anti-social Behaviour	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Other (please Specify):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
<u>Water</u>					
Watercourses	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Various		Numerous springs and small flowing ditches - OS Map - Appendix 1C
Lakes	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Ponds	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			Small springline ponds - see OS Map Appendix 1C
Other (please Specify):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			

4.3 Habitat Types

This section is to consider the habitat types within your woodland(s) that might impact/inform your management decisions. Larger non-wooded areas within your woodland should be classified according to broad habitat type where relevant this information should also help inform your management decisions. Woodlands should be designed to achieve a diverse structure of habitat, species and ages of trees, appropriate to the scale and context of the woodland.

Feature	Within Woodland(s)	Cpts	Map No	Notes
Woodland Habitat Types				
Ancient Semi-Natural Woodland	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	1 & 6	See MAGIC map in Appendix 1A
Planted Ancient Woodland Site (PAWS)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	1 - 6	See MAGIC map in Appendix 1A
Semi-natural features in PAWS	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Lowland beech and yew woodland	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	1 - 6	Partly in character but not designated as such
Lowland mixed deciduous woodland	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Most	See Crop Map at Appendix 2B
Upland mixed ash woods	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
Upland Oakwood	Yes <input type="checkbox"/>	No <input type="checkbox"/>		

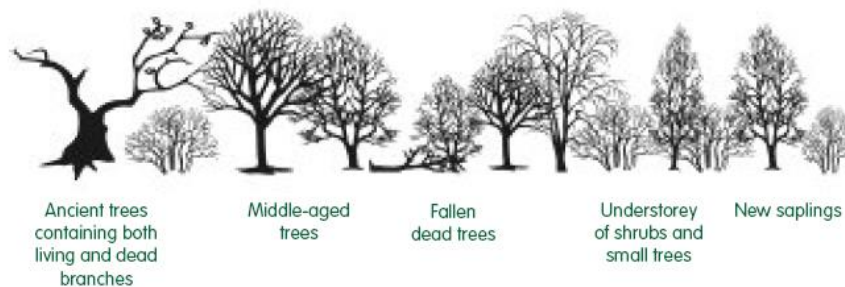
Wet woodland	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			PO in 4a - See Crop Map at Appendix 2B
Wood-pasture and parkland	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A		Area mapped by MAGIC to the west of Example 4 buildings, but would currently appear to be erroneous.
Other (please Specify):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Non Woodland Habitat Types					
Blanket bog	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Fenland	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Lowland calcareous grassland	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Lowland dry acid grassland	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Lowland heath land	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Lowland meadows	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Lowland raised bog	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Rush pasture	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A		Rough area between cpts 5, 6 and 7, 8, 9
Reed bed	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wood pasture	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Upland hay meadows	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Upland heath land	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Unimproved grassland	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			See Rush Pasture above
Peat lands	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			
Wetland habitats	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			See Rush Pasture Above
Other (please Specify):	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			

4.4 Structure

This section should provide a snapshot of the current structure of your woodland as a whole. A full inventory for your woodland(s) can be included in the separate Plan of Operations spreadsheet. Ensuring woodland has a varied structure in terms of age, species, origin and open space will provide a range of benefits for the biodiversity of the woodland and its resilience. The diagrams below show an example of both uneven and even aged woodland.

Woodland Type	Percentage of Mgt Plan Area	Age Structure	Notes (i.e. understory or natural regeneration present)
Native Broadleaves	39.11	Even Aged	Includes SY as an honorary native and occasional MC
Native Broadleaves	15.62	Uneven Aged	As above
Coniferous	1.00	Even Aged	Includes occasional MB
Intimate Mix	25.10	Even Aged	Includes limited age class variation
Woodland Open Space	17.89		Difference between gross and net areas

Uneven-aged woodland – many wildlife habitats because of high diversity



Even-aged woodland – tidy but of low diversity



5. Woodland Protection





Woodlands in England face a range of threats; this section allows you to consider the potential threats that could be facing your woodland(s). Using the simple Risk Assessment process below woodland owners and managers can consider any potential threats to their woodland(s) and whether there is a need to take action to protect their woodlands.

5.1 Risk Matrix

The matrix below provides a system for scoring risk. The matrix also indicates the advised level of action to take to help manage the threat.

Impact	High	Plan for Action	Action	Action
	Medium	Monitor	Plan for Action	Action
	Low	Monitor	Monitor	Plan for Action
		Low	Medium	High
Likelihood of Presence				

5.2 [Plant Health](#)

Threat 	Ash Dieback (<i>Chalara fraxinea</i>)
(Other Please Specify)	
Likelihood of presence 	Low
Impact 	High
Response (inc protection measures) 	Monitor for arrival and work on response with FC. Skew management away from planting or developing ash trees.

5.3 [Deer](#)

Likelihood of presence	High
Impact	Medium
Response (inc protection measures)	Agree and implement deer impact monitoring and management strategy. Currently in the process of sourcing suitable stalkers.

5.4 Grey Squirrels

Likelihood of presence	High
Impact	High
Response (inc protection measures)	Need to instigate a grey squirrel control programme as a matter of urgency. Suitable operatives are currently being sought for a spring campaign in line with FC published guidance.

5.5 Livestock and Other Mammals

Threat	Sheep
(Other Please Specify)	
Likelihood of presence	Low
Impact	Medium
Response (inc protection measures)	Monitor and maintain woodland boundaries to ensure stock are excluded from the woods.

5.6 Water & Soil

Threat	Soil Erosion
(Other Please Specify)	
Likelihood of presence	Medium
Impact	Medium
Response (inc protection measures)	Well drained soils and lack of overland drainage in most areas mitigate soil erosion, but a possible concern on steep slopes in association with impeded drainage at or near the spring line. Forestry operations to be planned to minimise future erosion.

5.7 Environmental

Threat	Fire
(Other Please Specify)	
Likelihood of presence	Low
Impact	Medium
Response (inc protection measures)	No history of forest fires and unlikely to occur in native, generally damp woodland. Forestry operations to be planned to minimize the risk of fire and to have a planned response in the event of fire.

5.8 Climate Change Resilience

Threat	Uniform Structure
(Other Please Specify)	
Likelihood of presence	Medium
Impact	Medium
Response (inc protection measures)	Over representation of mid aged trees. Old retentions to be maintained and progressive age class and species diversification to take place.

6. Management Strategy

This section requires a statement of intent, setting out how you intend to achieve your management objectives and manage important features identified within the previous sections of the plan. A detailed work programme by sub-compartment can be added to the Plan of Operations.

Management Obj/Feature	Management Intention
To clear invasive species in the amenity woods and recreate historic form and function in accordance with the LPA approved landscaping scheme for the re-building of Example 4 and recreating its historic setting.	Restructuring of woods to be undertaken using FC felling consent and FA 1967 felling exceptions (sub-size laurel) in agreement with South West District Council (SDC). Work to be commenced immediately and for most works to be completed in the first 3 years of the plan using forestry contractors, with on going refinements by forestry and gardening contractors/staff thereafter.
To allow greater species and age class diversity in the amenity woods, to allow compliance with the original principles of this amenity area, but taking into account current threats and uncertainties.	The <u>replanting plan of the gardens/pleasure grounds as detailed in the Landscape Statement¹²</u> (Appendix 3). Replanting in woodland areas to be agreed with the Forestry Commission through FL conditions.
To ensure that the trees and woods on the estate are maintained in a reasonably safe condition in accordance with the landowner's duty of care.	Initial safety works already programmed with a local forestry contractor with details passed to SDC for information. A systematic tree safety survey has been instructed, the recommendations of which will be implemented in accordance with the recommended timetable. Repeat inspections will be undertaken as appropriate.

¹² Historic Environment Guidelines 10 - Ensure the historic environment considerations are fully integrated into the forest planning process.

<p>To apply a programme of commercial silviculture to all woodland areas, tailored to the individual wood's respective landscaping and ecological importance, to deliver utilisable products for commercial sale.</p>	<p>An annual work programme and budget to be prepared and implemented, following the priorities set out in the attached Plan of Operations. <u>The principal operation will be silvicultural thinning^{13 14}</u>, which has already commenced on a small scale using a <u>local firewood merchant on a contracted standing sale¹⁵</u>, as permitted by FC felling licence, with SDC informed.</p>
<p>To undertake widespread selective thinning in established woodland stands to develop the best trees of all species, but notably those that best deliver the commercial, landscape and/or ecological priorities for each individual sub-cpt</p>	<p>Please see above. Thinning will normally be crown or intermediate selective, with trees to be removed marked in advance by the Forestry Agent to achieve the desired intensity and yield, normally a 25-35% canopy reduction, unless otherwise stated to achieve a specific objective, such as woodland restructuring.</p>

¹³ With reference to Great Crested Newts and Bats – Forests and Biodiversity – Legal Requirement: 1 - appropriate protection and conservation must be afforded where sites, habitats and species are subject to the legal provisions of EU directives and UK and country legislation. Advice can be obtained from the relevant authorities on minimising potentially adverse effects for management activity likely to affect them. For Natura 2000 sites likely to be affected, an appropriate assessment is required.

¹⁴ Need to set out how Veteran Trees will be managed and protected – Forests and Historic Environment – Good forestry practice requirement: 4 - Forest management plans and operational plans should set out how important historic environment features, including veteran trees, are to be protected and managed.

¹⁵ People Guidelines 27 - Consider the potential for developing sustainable woodland-based businesses and livelihoods and how this might be explored with interested parties and through local co-operation.

7. Stakeholder Engagement

There can be a requirement on both the FC and the owner to undertake consultation/engagement. Please refer to [Operations Note 35](#) for further information. Use this section to identify people or organisations with an interest in your woodland and also to record any engagement that you have undertaken, relative to activities identified within the plan.

Work Proposal	Individual/ Organisation	Date Contacted	Date feedback received	Response	Action
Restoration of gardens, pleasure grounds and management of wider estate woods	South West District Council and statutory consultees.	April 2009	on-going	Landscape Statement accepted as part of approval of planning permission	SDC to be kept informed of ongoing operations in accordance with associated conditions of planning.
As above	Neighbouring farmer and shooting tenant	December 2013	December 2013	Support for forestry operations, wish to be involved with deer and grey squirrel control.	Take forward discussions on deer and grey squirrel management.
As above	Tenant farmer	December 2013/Jan 2014	On-going	Support for forestry operations and expressed interest in minor forestry operations.	To keep the tenant informed of developments.
As above	South West District Council	Sept 2013	Sept 2013	No CA or TPOs affecting the woods. Much of the woodland is ancient and advice should be taken from the Forestry Commission	Response included in Appendix 1 to this management plan and declared to FC as part of earlier FLA.
As above	Forestry Commission	Various	On-going	Site specific and general discussions and advice on woodland management planning and implementation in accordance with the UK Forestry Standard	Continue dialogue and remain abreast of best advice.

8. Monitoring

Indicators of progress/success should be defined for each management objective and then checked at regular intervals. Other management activities could also be considered within this monitoring section. The data collected will help to evaluate progress¹⁶.

Management Objective/Activities	Indicator of Progress/Success	Method of Assessment	Frequency of Assessment	Responsibility	Assessment Results
To clear invasive species in the amenity woods and recreate historic form and function in accordance with the LPA approved landscaping scheme for the re-building of Example 4 and the recreation of its historic setting.	Clearance of inappropriate species, maintenance of planned open space and establishment of planted trees and other plants	Record keeping of operations, visual inspection, updates to SDC for approval.	Generally ongoing, but at least annually to SDC in the first 3 years of the management plan.	Forestry Agent	
To allow greater species and age class diversity in the amenity woods, to allow compliance with the original principles of this amenity area, but taking into account current threats and uncertainties.	See above	See above	See above	See above	
To ensure that the trees and woods on the estate are maintained in a reasonably safe condition in accordance with the landowner's duty of care.	Undertake survey and address cited remedial works in recommended timeframe. Number of trees requiring action, especially felling, to reduce in time assuming all other factors remain the	Visual Tree Assessment (VTA)	1-3 years depending on the perceived site specific risk	Forestry Agent	

¹⁶ General Forestry Practice – Good forestry practice requirement: 16 - Management of the forest should conform to the plan, and the plan should be updated to ensure it is current and relevant.

Management Objective/Activities	Indicator of Progress/Success	Method of Assessment	Frequency of Assessment	Responsibility	Assessment Results
To apply a programme of commercial silviculture to all woodland areas, tailored to each individual wood's respective landscaping and ecological importance, to deliver utilisable products for commercial sale.	Sustained annual sales of commercial material from the woods.	Forestry accounts.	Annual	Forestry Agent to plan and implement. Woodland owner's accountants to record and assess.	
To undertake widespread selective thinning in established woodland stands to develop the best trees of all species, but notably those that best deliver the commercial, landscape and ecological priorities for each individual sub-cpt.	Implementation of annual forestry work programme containing thinning proposals.	Annual record of areas thinned	Annual	Forestry Agent	

FC Approval – FC Office Use Only

UKFS Management Plan Criteria	Approval Criteria	Yes	No	Notes
Forest management plans should state the objectives of management, and set out how the appropriate balance between economic, environmental and social objectives will be achieved.	Have objectives of management been stated? Consideration given to economic, environmental and social factors (Section 2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Forest management plans should address the forest context and the forest potential, and demonstrate how the relevant interests and issues have been considered and addressed.	Does the management strategy (section 6) take into account the forest context and any special features identified within the woodland survey (section 4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
In designated areas, for example national parks, particular account should be taken of landscape and other sensitivities in the design of forests and forest infrastructure.	Have appropriate designations been identified (section 4.2) if so are these reflected through the work proposals in the management strategy (Section 6)	<input type="checkbox"/>	<input type="checkbox"/>	
At the time of felling and restocking, the design of existing forests should be re-assessed and any necessary changes made so that they meet UKFS Requirements.	Felling and restocking are consistent with UKFS forest design principles (Section 5 of the UKFS)	<input type="checkbox"/>	<input type="checkbox"/>	
Consultation on forest management plans and proposals should be carried out according to forestry authority procedures and, where required, the Environmental Impact Assessment Regulations.	Has consultation happened in line with current FC guidance and recorded as appropriate in section 7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Forests should be designed to achieve a diverse structure of habitat, species and ages of trees, appropriate to the scale and context.	Do the felling and restocking proposals create or improve structural diversity (refer to the plan of operations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Forests characterised by a lack of diversity due to extensive areas of even-aged trees should be progressively restructured to achieve a range of age classes.	Do the felling and restocking proposals create or improve age class diversity (refer to the plan of operations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Management of the forest should conform to the plan, and the plan should be updated to ensure it is current and relevant.	Has a five year review period been stated below and achievements recorded in section 3	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable at this stage
New forests and woodlands should be located and designed to maintain or enhance the visual, cultural and ecological value and character of the landscape.	When new planting is being proposed under this plan is consistent with UKFS and FC guidance on woodland creation	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable
Approving Officer Name	Mark Hammerson	Plan approved		<input checked="" type="checkbox"/>