

Annex 1G - Woodland Report

Section 3 - Kyle Farm & Mudalach

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Appendices

Appendix 1 - Native Woodland Survey



1. Woodland Characteristics

Kyle Farm & Mudalach Woodland is owned by the Scottish Ministers and managed by Forestry and Land Scotland (FLS) – North Forest District. The woodland is accessed from the A87 approximately 7 miles east of Broadford (see **Figure 1: Location plan**).

Part of this woodland is commercial conifer plantation, with Sitka Spruce as its principal conifer species. Other parts of this woodland are included within the Kinloch and Kyleakin Hills SAC / SSSI noted for the Western Acidic Oak Woodland, however the main species present within the survey areas were mature native upland birch.

The proposed OHL affects the woodland between towers BF35-BF79.

The forest is managed as per the LMP Kinloch Hills and Broadford.

A Native Woodland Survey was carried out in January 2022 (see Appendix 1). Within the SAC, the proposed OC has been reduced to 30 m. All areas of woodland affected by the Proposed Development (including new access tracks) were surveyed. All trees within these areas were mapped, tree heights and diameter at breast height (dbh) were measured, to obtain the General Yield Class of the woodlands and assess the impact of the Proposed Development on the standing trees. Trees with a dbh of below 7 cm were not included within the survey. Areas of natural regeneration were recorded but not measured.

Towers BF35-BF39

The tree species present within this part of the woodland site include Sitka Spruce (SS) and Lodgepole pine (LP) growing on a mix of flushed peats and peaty gleys, with generally wet ground conditions, with resultant mixed growth rates ranging from severely checked to good growth where the crop is on drier knolls. The existing OHL which runs west to east through the site has created some green edges to minimise the additional felling areas required to the north of the Proposed Development. To the south there will be some additional felling required out with the OC to maintain stability of the remaining crop.

The LMP identifies this compartment for felling within phases 2 (2025-2059) and 4 (2035-2039).





SS and LP of varying quality, good windfirm edge.

Towers BF45-BF50

The tree species present within this part of the woodland site include Lodgepole pine (LP) again growing on mix of flushed peats and peaty gleys, with generally wet ground conditions resulting in poor quality, stunted growth and sporadic wind blow damage. This compartment is due for felling within phase 7 (2050-2054). Despite the semi-open habitat, additional felling would be required out with the OC primarily to the south with a small area of additional felling to the north, to create a green edge.



LP, Sporadic wind throw.





LP, Wind firm edge



LP, poor growth rate.

Towers BF49-BF51

The tree species present within this part of the woodland site include mature native upland birch (W4), riparian woodland. This woodland is situated within the Kinloch and Kyleakin SAC (see Appendix 1) and would be managed with a 30 m OC to minimise disturbance within this designated site.

Crown reduction (up to 30%) would be required between Towers BF50 and BF51 as shown on **Figure 2a**.





Towers BF56-BF57

The tree species present within this part of the woodland site include mature native upland birch (W4), oak woodland and riparian woodland. This woodland is situated within the Kinloch and Kyleakin SAC (see Appendix 1) and would be managed with a 30 m OC to minimise disturbance within this designated site. There is potential for future crown reduction required at Waypoint 4 beyond the modelled 4 year growth period.

Towers BF57-BF58

The tree species identified within this part of the woodland site is upland birch/oak (W4/17), dense mature woodland. The woodland situated within the SAC (see Appendix 1) would be managed with a 30 m OC to minimise disturbance to this designated site. Crown reduction (up to 30%) would be required between Towers BF57 and BF58.





Tower BF77

The tree species present include mature upland birch woodland (W4), approximately 3 trees required to be felled within the tower footprint.

Access track felling

To minimise disturbance within the SAC area, new and existing access tracks were given a buffer zone of 8m. Out with the SAC area new access tracks have a 20m buffer and existing access tracks a 12m buffer zone to allow for site clearance

2. Development Requirements

A resilient OC of 40 m in width either side of the OHL is required throughout the commercial woodland (i.e. Towers BF35-BF52). Within the SAC area, this would be reduced to 15 m in width either side of the OHL. This allows for the widest part of the tower and an allowance for maintaining the necessary safety clearance distances.

Part of the commercial woodland is served by well-constructed Class A forest roads accessed from the A87 (relevant to accessing towers BF35-48). Towers BF77-BF79 can be reached along the forest road from the unclassified Kylerhea public road. New access tracks will be constructed along and within the vicinity of the OC throughout this woodland site.

Tree felling and timber extraction would be able to utilise existing tracks, prior to any construction activity.

Stump removal and residue mulching would be required for the installation of access tracks within the OC and at each steel lattice tower, working areas would be formed and which would include a temporary crane pad.

3. Wind Blow Risk

There is a low-medium wind blow risk across much of the woodland (DAMS Score of 17). There are several tower spans where the proposed OC opens a green edge to the prevailing wind necessitating additional felling out-with the OC to reach a stable edge. In areas where the trees are smaller due to age or exposure then the wind blow risk is reduced along with the requirement for additional felling to wind firm boundaries.

4. Woodland Management Impact

The OHL would create additional challenges for the future management of the forest as it dissects existing management units and introduces an electrical hazard. The constraint associated with the electrical hazard would be reduced by regular maintenance of the OC which would avoid the incidences of "Red Zone" trees (reference FISA 804 "Electricity at Work: Forestry"). As part of construction works, dedicated crossing points would be discussed once the OHL has been constructed, thus ensuring safe future working within the woodland. The creation of new access tracks within the woodland will facilitate future management operations, which until now have been inaccessible.

The total loss of native broadleaved woodland resulting from the proposed OHL within this woodland site is 1.17 ha. This is due to the requirement to create new access tracks.



5. Mitigation Opportunities

The reduction in the OC within the SAC areas has reduced the impact on the native woodland within this area, which is a qualifying feature of the SAC. Within the SAC area, the corridors for tree and vegetation clearance for the creation of new and existing access tracks has also been reduced to 8 m.

a. Restructuring

Clear felling and restocking of the commercial element of the Kyle Farm & Mudalach woodland site is ongoing and will continue to be undertaken by the landowner in the future, regardless of development felling, as detailed in the LMP. It is recognised that the Proposed Development would result in felling being brought forward from 2025 which would impact on the proposed LMP coupes in the north of the plan area and may require substitute changes in the wider plan area to smooth timber production. The felling of the OC for the development, would create a new green edge, allowing the landowner to carry out future clear fell more safely in proximity to the new OHL. The native woodland within the SSSI/SAC has been identified as a Natural Reserve within the LMP, in which little or no management should take place. It is recognised that the Proposed Development will require an amendment to the LMP and the site classification.

b. Restocking

Restocking would be carried out by the landowner in all areas out-with the OC with suitable species to continue the commercial viability of the forest. It is anticipated that native broadleaved regeneration is likely to occur within the OC from towers BF48-BF77 due to the presence of mature birch and oak woodlands. Any opportunity to restock within the OC would be discussed with landowner following felling to link in with adjacent planned felling coupes where appropriate.

Refer to Figure 3 for plan showing on-site restocking.



6. Net Effect/Summary

Tower Span	Operational Requirements
BF50-BF51	Crown reduction required. No felling 0.13ha
BF57-BF58	Crown reduction required. No felling 0.24 ha
BF45-BF48	Gross area of OC felling required,
	undertaken by the Applicant
	Commercial block – fell to windfirm edge.
	2.1 ha
BF35-BF40	Gross area of OC felling required,
	undertaken by the Applicant
	Commercial block – fell to windfirm edge.
	7.3 ha
Additional area of recommended felling	Clear fell to windfirm edge – SS/LP/L – 12.7
outside OC for wind throw or forest design	ha
purposes (Landowner to fell under forest	
plan revision or felling licence)	
New Tracks	Accommodating 20 m buffer out with SAC
	and 8 m buffer within SAC – 1 ha to be
	felled.
	1ha – Native Woodland
	• SAC Area – 0.15 ha
	• Non SAC – 0.85 ha
Compensatory I	Planting Options
Potential onsite replacement planting /	0
regeneration within OC	
Net effect (Loss of Woodland)	10.4 ha
Operation	nal Works
	Total Area (ha)
Clear fell harvesting	9.4
Felling out with OC	12.7
Crown Reduction	0.37
New Track removal	1
 Native SAC (8m Buffer) 	0.15
 Native Non SAC (20m Buffer) 	0.85
TOTAL	23.47

7. Compensatory Planting

The total amount of net felling requiring compensation under the Control of Woodland Removal Policy is 10.4 ha, made up of:

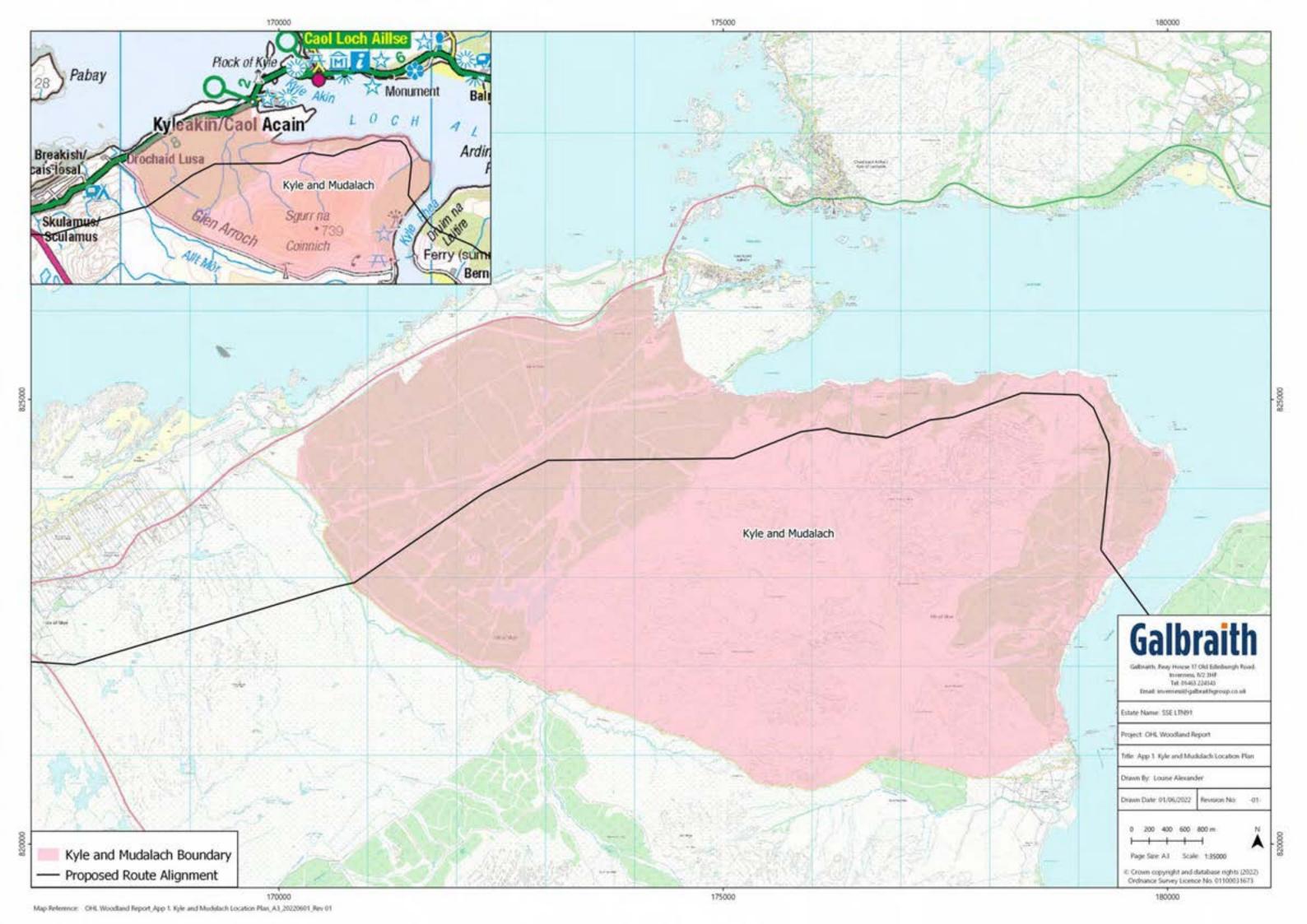
- 9.4 ha Commercial woodland
- 0.85 ha semi- natural woodland (non SAC)
- 0.15 ha semi-natural woodland (SAC).

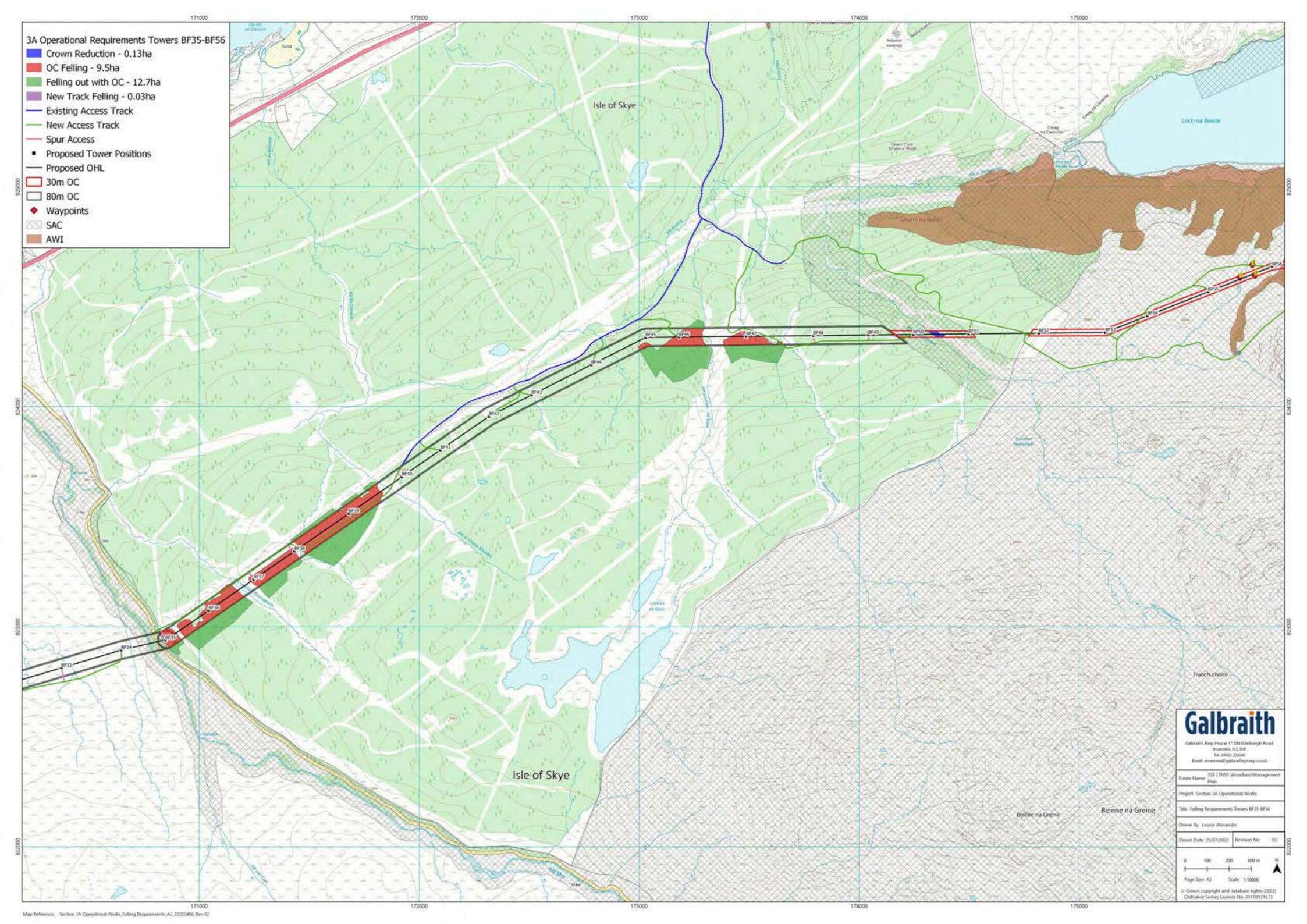
In order to provide a greater balance limiting long term impacts on forestry interests it is proposed that the majority of this woodland loss is compensated via offsite compensatory planting. It is proposed that full details of the areas subject to this offsite compensatory planting is notified to Scottish Forestry prior to energising the OHL.

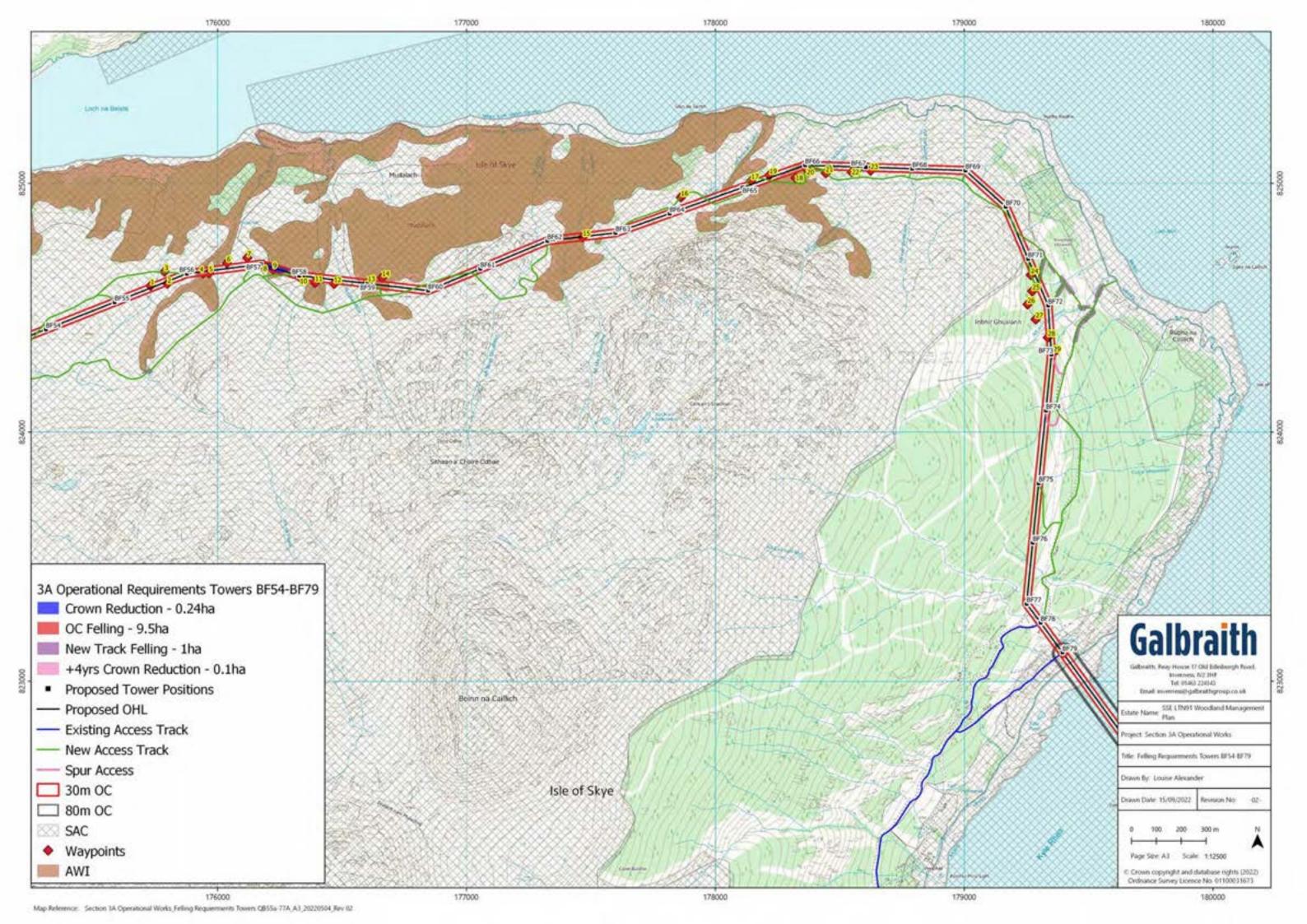


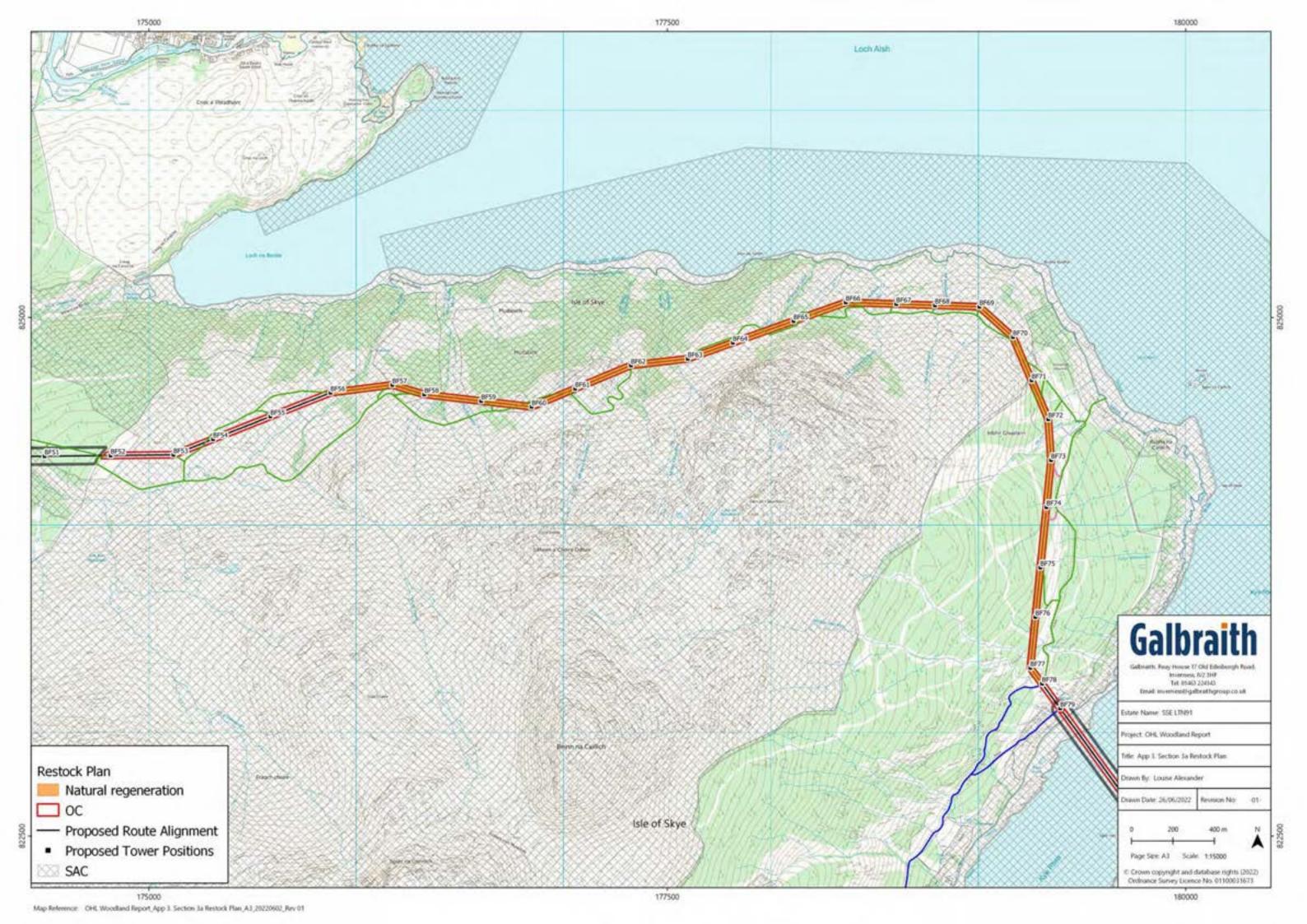
The dismantling of the existing 132 kV OHL would allow potential opportunities for compensatory planting where practical and in agreement with the landowner.

Further discussion on compensatory requirements associated with the SAC, and opportunities with respect to natural regeneration following dismantling of the existing OHL, are discussed within the Shadow HRA that accompanies the section 37 application.













Section 3 Operational Requirements

Site Assessment Methodology

A full walkover survey was carried out over 2 visits on the 24th and 26th January 2022. All areas of woodland affected by the proposed operational corridor (OC) (30m) and new access tracks were surveyed. All trees within these areas were mapped, tree heights and diameter at breast height (dbh) were measured, to obtain the General Yield Class of the woodlands and assess the impact of the OH powerline on the standing trees. Trees with a dbh of below 7cm were not included within the survey. Areas of natural regeneration were recorded but not measured.

Using the collected data, the General Yield Class of the native upland birch woodland was identified as between 4-6 as per FC SAB Yield Models.

As per SSE guidance the overall height of the trees within 4 growing seasons was to be identified to assess the impact of the trees on the OH powerline. The SAB Yield Models allows the approximate height of the trees in 4 growing seasons to be estimated based on the 4-6 yield class. Using the OH powerline drawings provided by SSE, trees that would reach the lowest sag of the OH powerline were identified for crown reduction. This will involve the removal of up to 1/3 of the existing crown to remove any interference with the OH powerline.

To minimise disturbance within the SAC area, new and existing access tracks were given a buffer zone of 8m. Out with the SAC area new access tracks have a 20m buffer and existing access tracks a 12m buffer zone to allow for site clearance, any trees within this area were measured as per the OC.

Commercial woodlands within the OC and new access tracks were surveyed to identify a potential windfirm edge. This identifies felling within the OC and additional felling required to prevent windthrow damage within the remaining crop. All trees within these areas will be clearfelled, smaller trees (below felling age) will be mulched to ground level.





Operational Requirements

Tower Span	Operational Requirements
BF72-BF73	Current height of trees 3-5m.
BF/2-BF/3	
	Approx hgt + 4 seasons - 8m. Approx line hgt – 18m
DE74 DE72	No works required
BF71-BF72	Current hgt trees - 2-4m.
	Approx hgt + 4 seasons – 6m
	Approx line hgt – 10m
DECC DECC	No works required
BF66-BF68	Current hgt trees – 4-6m
	Approx hgt + 4 seasons – 8m
	Approx line hgt – 11-20m
	No works required due to open habitat and
	micro-siting opportunities.
BF64-BF66	Current height of trees 6-10m.
	Approx hgt + 4 seasons - 12m.
	Approx line hgt – 18m
	No works required
BF62-BF63	Current height of trees 7m.
	Approx hgt + 4 seasons - 9m.
	Approx line hgt – 18-50m
	No works required
BF59-BF60	Current height of trees 3-8m.
	Approx hgt + 4 seasons - 10m.
	Approx line hgt – 10m
	No works required due to open habitat and
	micro-siting opportunities.
BF58-BF59	Current height of trees 4-8m.
	Approx hgt + 4 seasons - 10m.
	Approx line hgt – 18-20m
	No works required
BF57-BF58	Current height of trees - 8-10m.
	Approx hgt + 4 seasons - 12m.
	Approx line hgt – 12m
	Crown reduction required. No felling
BF56-BF57	Current height of trees – 5-11m.
	Approx hgt + 4 seasons - 12m.
	Approx line hgt – 15-20m
	No works required due to open habitat and
	micro-siting opportunities.
BF55-BF56	Current height of trees – 4-7m.
	Approx hgt + 4 seasons - 9m.
	Approx line hgt – 18m
	No works required
BF50-BF51	Current height of trees – 5m.
	Approx hgt + 4 seasons - 9m.
	Approx line hgt – 8-20m
	Crown reduction required. No felling
	1 3. 3. 4 11 1 Cadotton Teganica. No Telling





BF45-BF48	Commercial block – fell to windfirm edge. 8ha
BF35-BF40	Commercial block – fell to windfirm edge.
	14.2ha
New Tracks	Accommodating 20m buffer out with SAC and
	8m buffer within SAC - 1ha to be felled.
	1ha – Native Woodland
	• SAC Area – 0.15ha
	 Non SAC – 0.85ha
Operational Works	Total Area (ha)
Clear fell harvesting	9.5
Felling out with OC	12.7
Crown Reduction	0.4
New Track removal	1
 Native SAC (8m Buffer) 	0.15
 Native Non SAC (20m Buffer) 	0.85
TOTAL	23.6

Growth rates based on a Yield Class of 4-6 as per FC SAB Yield Models.

Operational Works

Track felling

In SAC Areas

An 8m buffer zone will be cleared for both new and existing access tracks.

Out with SAC Area

A 12m buffer zone for existing track upgrade will need to be cleared to allow for access and maintenance.

A 20m buffer zone will be cleared for new access track creation.

Crown Reduction

In areas where the growth of the trees within the OC will impede the OH line, crown reduction will be carried out to reduce the need to remove the trees completely. This will involve the reduction of the crown by up to 30%.

Clear fell harvesting

In areas of existing commercial woodland, to prevent any wind throw damage within the OC from surrounding trees wind firm edges have been identified stretching out from the OC. These areas will be clearfelled by conventional commercial harvesting techniques. The areas identified for felling within the OC will remain unplanted. Areas out with the OC will be replanted as per the landowner's long term forest plan designs.





Site Name: Waypoint 1 - Cmpt 3A
Grid Reference: NG 75731 24588
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: Open, scattered woodland
Tree Heights: 1.5-4m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established





Site Conditions:
Open hillside and riparian habitat with scattered mature birch, established natural regeneration colonising.
Site Comments:
Veteran trees and established natural regeneration, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.



















Site Name: Waypoint 2 - Cmpt 3A
Grid Reference: NG 75798 24599
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: Open, scattered woodland
Tree Heights: nat regen 1-4m. Mature trees 3-7m
Tree neights. Hat regen 1-4m. Mature trees 5-7m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations. Potential for additional growth to affect OH line.
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Open hillside and riparian habitat with scattered mature birch, established natural regeneration colonising.
Site Comments:
Veteran trees and established natural regeneration, high conservation benefits. Designated within Kinloch and
Kyleakin Hills SAC.













Site Name: Waypoint 3 - Cmpt 3A
Grid Reference: NG 75788 24645
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: Open, scattered woodland
Density. Open, scattered woodiand
Tree Heights: nat regen 1-4m
The Heights. Hat regen 2 4m
Proximity to Centre Line: Most of the trees are within 8 m new access track corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: establishing natural regeneration of birch, exposed to prevailing wind. Good health and vigour.





Site Conditions:
Open hillside established natural regeneration colonising.
Site Comments:
Established natural regeneration, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.











Site Name: Waypoint 4 - Cmpt 3A
Grid Reference: NG 75941 24637
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch/oak W4/17
Species: Betula Pubescens (Downy birch), Ilex aquifolium (holly), Sorbus aucuparia (rowan)
Density: Open woodland
Tree Heights: Mature trees 4-8m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Open hillside and riparian habitat with mature trees, established natural regeneration colonising.
Site Comments:
Veteran trees and established natural regeneration, high conservation benefits. Designated within AWI and
Kinloch and Kyleakin Hills SAC.













Site Name: Waypoint 5 - Cmpt 3A
Grid Reference: NG 75965 24639
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch/Oak W4/17
Species: Betula Pubescens (Downy birch), Ilex aquifolium (holly), Salix (willow)
Density: Open woodland
Tree Heights: Mature trees 9-11m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: mature established trees. Good health and vigour.





Site Conditions:
Riparian habitat, sheltered gully with mature trees.
Site Comments:
Veteran trees, high conservation benefits. Designated within AWI and Kinloch and Kyleakin Hills SAC.











Site Name: Waypoint 6 - Cmpt 3A
Grid Reference: NG 76037 24679
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch), Sorbus aucuparia (rowan)
Density: Open woodland
Tree Heights: Mature trees 7m, natural regeneration 1-2m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Open hillside habitat with mature trees, established natural regeneration colonising.
Site Comments:
Veteran trees and established natural regeneration, high conservation benefits. Designated within Kinloch and
Kyleakin Hills SAC.













Site Name: Waypoint 7 - Cmpt 3A
Grid Reference: NG 76119 24700
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch), Sorbus aucuparia (rowan)
Density: Open, scattered regenerating woodland
Tree Heights: natural regeneration 0.5-1.5m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Establishing natural regeneration, good health and vigour.





Site Conditions:
Open hillside habitat with established natural regeneration colonising.
Site Comments:
Establishing natural regeneration, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.













Site Name: Waypoint 8 - Cmpt 3A
Grid Reference: NG 76185 24673
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch/Oak W4/17
Species: Betula Pubescens (Downy birch), Sorbus aucuparia (rowan), Ilex aquifolium (holly)
Density: Dense mature broadleaved woodland
Tree Heights: 5-9m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations
Tree Health: : mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Open hillside habitat with established mature trees and natural regeneration colonising.
open misside habitat with established mature trees and natural regeneration colonising.
Site Comments:
Dense stand of mature birch, rowan and holly trees. Establishing natural regeneration, high conservation
benefits. Designated within Kinloch and Kyleakin Hills SAC.













Site Name: Waypoint 9 - Cmpt 3A
Grid Reference: NG 76223 24654
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch/Oak W4/17
Species: Betula Pubescens (Downy birch), Sorbus aucuparia (rowan), Ilex aquifolium (holly)
Density: Dense mature broadleaved woodland
Tree Heights: 9m
Proximity to Centre Line: Most of the trees are within 30m corridor. Crown reduction/felling will be required. Potential for additional growth to affect OH line. Future crown reduction required.
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Dense mature woodland habitat with established mature trees and natural regeneration colonising.
Site Comments:
Dense stand of mature birch, rowan and holly trees. Establishing natural regeneration, high conservation benefits. Designated within AWI and Kinloch and Kyleakin Hills SAC.
benefits. Designated within Avvi and Kinioch and Kyleakin Tinis SAC.











Site Name: Waypoint 10 - Cmpt 3A
Grid Reference: NG 76330 24623
What3words Location:
Tower Numbers: QB58A
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: Dense establishing natural regeneration
Tree Heights: 0.5-1m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations
Tree Health: Establishing natural regeneration of Bi, exposed to prevailing wind. Good health and vigour.





Site Conditions:
Open hill habitat with natural regeneration colonising.
Site Comments:
Establishing natural regeneration of birch, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.











Site Name: Waypoint 11 - Cmpt 3A
Grid Reference: NG 76392 24600
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch/Oak W4/17
Species: Betula Pubescens (Downy birch), Alnus glutinosa (Common alder), Corylus avellana (hazel)
Density: Scattered mature woodland
Tree Heights: 7-8 m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Open hill, scattered woodland habitat with established mature trees and natural regeneration colonising
Site Comments:
Open stand of mature birch, hazel and alder. Establishing natural regeneration, high conservation benefits. Curlew present. Designated within AWI and Kinloch and Kyleakin Hills SAC.
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Site Name: Waypoint 12 - Cmpt 3A
Grid Reference: NG 76467 24596
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: Scattered young woodland
Tree Heights: 0.5-1 m
The median of a minimum of the median of the
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Establishing natural regeneration, exposed to prevailing wind. Good health and vigour.
Tree realth. Establishing natural regeneration, exposed to prevailing white. Good health and vigour.





Site Conditions:
Open hill, scattered woodland habitat with natural regeneration colonising
Site Comments:
Establishing natural regeneration of birch, high conservation benefits. Designated within AWI and Kinloch and Kyleakin Hills SAC.











Site Name: Waypoint 13 - Cmpt 3A
Grid Reference: NG 76604 24598
What3words Location:
Tower Numbers: QB59A
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: Scattered mature woodland, dense pockets of natural regeneration.
Tree Heights: Mature – 3-4m, Nat regen 1-2m.
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Open hill, scattered woodland habitat with established mature trees and natural regeneration colonising
Site Comments:
Open stand of mature birch. Establishing natural regeneration, high conservation benefits. Designated within AWI and Kinloch and Kyleakin Hills SAC.



Galbraith















Site Name: Waypoint 14 - Cmpt 3A
Grid Reference: NG 76661 24620
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: dense pockets of semi-mature birch and establishing new natural regeneration.
Tree Heights: 1.5-5m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Dense semi-mature woodland habitat and natural regeneration colonising
Site Comments:
Dense stands of semi-mature birch. Establishing natural regeneration, high conservation benefits. Curlew present. Designated within AWI and Kinloch and Kyleakin Hills SAC.
present. Designated within Awi and Kinioch and Kyleakin Tinis SAC.













Site Name: Waypoint 15 - Cmpt 3A
Grid Reference: NG 77467 24782
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: dense pockets of mature birch and establishing new natural regeneration.
Tree Heights: 5-7m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Dense mature woodland habitat and natural regeneration colonising
Site Comments:
Dense stands of mature birch. Establishing natural regeneration, high conservation benefits. Designated within
AWI and Kinloch and Kyleakin Hills SAC.











Site Name: Waypoint 16 - Cmpt 3A
Grid Reference: NG 77862 24945
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: dense pockets of mature birch and establishing new natural regeneration.
Tree Heights: 5-9m
Proximity to Centre Line: Most of the trees are within 8 m new access track corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Dense mature woodland habitat and natural regeneration colonising
Site Comments:
Dense stands of mature birch. Establishing natural regeneration, high conservation benefits Designated within Kinloch and Kyleakin Hills SAC.
within killioth and kyleakin fillis SAC.











Site Name: Waypoint 17 - Cmpt 3A
Grid Reference: NG 78145 25012
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch)
Density: scattered mature birch and establishing new natural regeneration.
Tuga Hajahta, 2 Sus
Tree Heights: 3-8m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health, Mature established trees expected to proveiling wind. Good health and vigour Established
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions: Scattered mature woodland habitat and natural regeneration colonising
Site Comments:
Scattered stands of mature birch. Establishing natural regeneration, high conservation benefits. Designated
within Kinloch and Kyleakin Hills SAC.













Site Name: Waypoint 18 - Cmpt 3A
Grid Reference: NG 78323 25021
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula Pubescens (Downy birch), Sorbus aucuparia (rowan).
Density: open, scattered mature birch and sporadic rowan, establishing new natural regeneration.
Tree Heights: 4-10m
Provimity to Contro Line: Out with OC
Proximity to Centre Line: Out with OC.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Established
natural regeneration.





Site Conditions:
Scattered mature woodland habitat and natural regeneration colonising
Site Comments:
Scattered stands of mature birch and sporadic rowan. Establishing natural regeneration, high conservation benefits. Designated within AWI and Kinloch and Kyleakin Hills SAC.
benefits. Designated within AWI and Kinioch and Kyleakin Thiis SAC.



Galbraith









Site Name: Waypoint 19 - Cmpt 3A
Grid Reference: NG 78217 25033
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Sorbus aucuparia (rowan).
Density: open, scattered mature birch and sporadic rowan, establishing new natural regeneration.
Tree Heights: nat regen 1.5-3m, mature 9-12m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Scattered mature woodland habitat and natural regeneration colonising
Control of the contro
Site Comments:
Scattered stands of mature birch and sporadic rowan. Establishing natural regeneration, high conservation
benefits. Designated within Kinloch and Kyleakin Hills SAC.













Site Name: Waypoint 20 - Cmpt 3A
Grid Reference: NG 78367 25056
What3words Location:
Tower Numbers: QB66A
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Sorbus aucuparia (rowan).
Density: open, scattered mature birch and sporadic rowan.
Tree Heights: nat regen 1.5-3m, mature 10-12m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Established natural regeneration.





Site Conditions:
Scattered mature woodland habitat and natural regeneration colonising
Site Comments:
Scattered stands of mature birch and sporadic rowan. Establishing natural regeneration, high conservation benefits. Designated within AWI and Kinloch and Kyleakin Hills SAC.





















Site Name: Waypoint 21 - Cmpt 3A
Grid Reference: NG 78444 25041
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Sorbus aucuparia (rowan).
Density: open, mature birch and sporadic rowan.
T
Tree Heights: 8-12m
Proximity to Centre Line: Most of the trees are within 8m new access track buffer, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Establishing natural regeneration of birch.





Site Conditions:	
Open hill and mature woodland habitat.	
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Site Comments:	
Open stands of mature birch and sporadic rowan, establishing natural regeneration, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.	











Site Name: Waypoint 22 - Cmpt 3A
Grid Reference: NG 78548 25045
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Sorbus aucuparia (rowan), Ilex aquifolium (holly), Salix (willow)
Density: open, mature woodland
Tree Heights: 3-6.5m
Proximity to Centre Line: Out with OC.
Tree Health: Mature established trees, exposed to prevailing wind. Good health and vigour. Establishing natural regeneration of birch.





Site Conditions:
Open hill, riparian and mature woodland habitat.
Site Comments:
Open stands of mature woodland, establishing natural regeneration, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.



Galbraith









Site Name: Waypoint 23 - Cmpt 3A
Grid Reference: NG 78624 25051
What3words Location:
Tower Numbers: QB67A
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Sorbus aucuparia (rowan), Salix (willow)
Density: scattered, mature woodland
Tree Heights: 2-4m
Proximity to Centre Line: Most trees are out with the OC, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour. Establishing natural regeneration of birch.





Site Conditions:
Open hill and semi-mature woodland habitat.
Site Comments:
Site Comments: Scattered semi-mature woodland, establishing natural regeneration, high conservation benefits. Designated
within Kinloch and Kyleakin Hills SAC.













natural regeneration of birch and willow.

Site Name: Waypoint 24 - Cmpt 3A
Grid Reference: NG 79267 24632
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Salix (willow)
Density: scattered, semi-mature scrub woodland
Tree Heights: 2-4m
Proximity to Centre Line: Most of the trees are out with 30m OC, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour. Establishing





Site Conditions:
Open hill and semi-mature woodland habitat. Historical Woodland Grant Scheme, fenced.
Site Comments:
Scattered semi-mature woodland, establishing natural regeneration, high conservation benefits. Designated
within Kinloch and Kyleakin Hills SAC.













Site Name: Waypoint 25 - Cmpt 3A
Grid Reference: NG 79275 24568
What3words Location:
Tower Numbers: QB72A
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Quercus petraea (Sessile oak), Salix (willow), Sorbus aucuparia (Rowan)
Danik wasattanad sami matuwa wasalland
Density: scattered, semi-mature woodland
Tree Heights: 3-5m
Proximity to Centre Line: out with 30m OC
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour.





Site Conditions: Open hill and semi-mature woodland habitat. Historical Woodland Grant Scheme, fenced.
Open hill and semi-mature woodland habitat. Historical Woodland Grant Scheme, fenced.
Open filli and semi-mature woodiand habitat. Historical woodiand Grant Scheme, renced.
Site Comments:
Scattered semi-mature woodland, high conservation benefits. Designated within Kinloch and Kyleakin Hills
SAC.













Site Name: Waypoint 26 - Cmpt 3A
Grid Reference: NG 79254 24513
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Quercus petraea (Sessile oak), Salix (willow), Sorbus aucuparia (Rowan). Sporadic regeneration of non-native Sitka spruce.
Density: scattered, semi-mature woodland
Tree Heights: 2-5m
Tree neights. 2-5m
Proximity to Centre Line: Out with 30m OC
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour. Some signs
of deer damage.





Site Conditions:
Open hill and semi-mature woodland habitat. Historical Woodland Grant Scheme, fenced.
open mil and semi-mature woodland habitat. Historical woodland Grant Scheme, renced.
Site Comments:
Scattered semi-mature woodland, high conservation benefits. Designated within Kinloch and Kyleakin Hills
SAC.



Galbraith







Site Name: Waypoint 27 - Cmpt 3A
Grid Reference: NG 79287 24452
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Quercus petraea (Sessile oak), Salix (willow), Sorbus aucuparia (Rowan). Sporadic regeneration of non-native Sitka spruce.
Density: scattered, semi-mature woodland
Tree Heights: 2-4m
Proximity to Centre Line: Out with 30m OC.
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour. Some signs of deer damage.





Site Conditions:
Open hill and semi-mature woodland habitat. Historical Woodland Grant Scheme, fenced.
open mil and semi-mature woodland habitat. Historical woodland Grant Scheme, renced.
Site Comments:
Scattered semi-mature woodland, high conservation benefits. Designated within Kinloch and Kyleakin Hills
SAC.



Galbraith









Site Name: Waypoint 28 - Cmpt 3A
Grid Reference: NG 79337 24381
What3words Location:
Tower Numbers:
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Salix (willow), Alnus glutinosa (Alder) Sorbus aucuparia (Rowan). Sporadic regeneration of non-native Sitka spruce.
Density: scattered, semi-mature woodland
Tree Heights: 5m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Semi-mature established trees, exposed to prevailing wind. Good health and vigour.





Site Conditions:
Open hill, riparian and semi-mature woodland habitat. Historical Woodland Grant Scheme, fenced.
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Site Comments:
Scattered comi matura woodland high conservation benefits. Designated within Kinlach and Kulaakin Hills
Scattered semi-mature woodland, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.
JAC.













Site Name: Waypoint 29 - Cmpt 3A
Grid Reference: NG 79361 24316
What3words Location:
Tower Numbers: QB73A
Native Woodland Type: Upland birch W4
Species: Betula pubescens (Downy birch), Salix (willow).
Density: scattered, young woodland
Tree Heights: 3m
Proximity to Centre Line: Most of the trees are within 30m corridor, assessment of edge trees to be conducted by wiring engineer prior to wiring operations.
Tree Health: Young trees, exposed to prevailing wind. Good health and vigour.





Site Conditions:
Open hill, young woodland habitat. Historical Woodland Grant Scheme, fenced.
Site Comments:
Scattered semi-mature woodland, high conservation benefits. Designated within Kinloch and Kyleakin Hills SAC.
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