

Scottish Lowlands FD

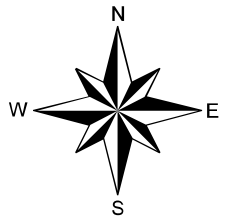
BODEN BOO

LOCATION

Scale: 10,000 @ A3

0 65 130 260 390 520 Meters

15 Mar 2016



OS Grid Ref: NS 459 719

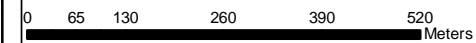
Legend

 Boden Boo

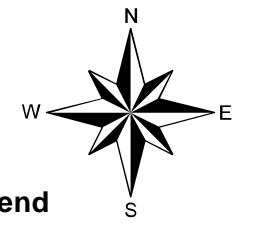
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**BODEN BOO
CONTEXT**







Scale: 10,000 @ A3

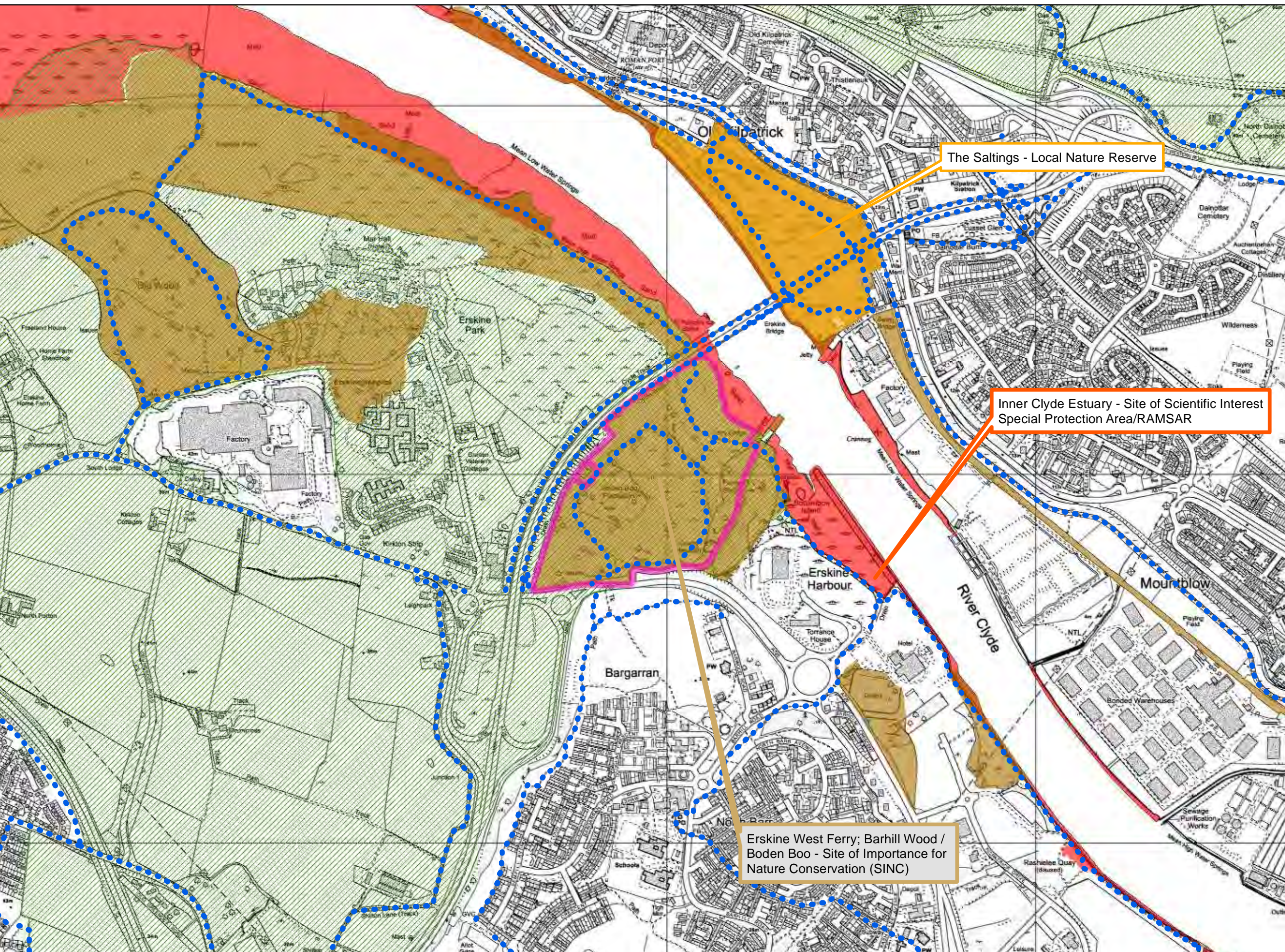


16 Mar 2016



Legend

-  Boden Boo
-  CORE_PATHS
-  SSSI/SPA/RAMSAR
-  LNCS
-  LNR
-  GREENBLT



Erskine West Ferry; Barhill Wood /
Boden Boo - Site of Importance for
Nature Conservation (SINC)

The Saltings - Local Nature Reserve

Inner Clyde Estuary - Site of Scientific Interest
Special Protection Area/RAMSAR

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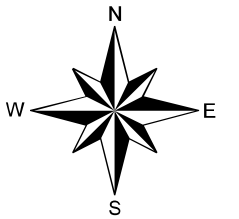
BODEN BOO

SOILS




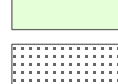

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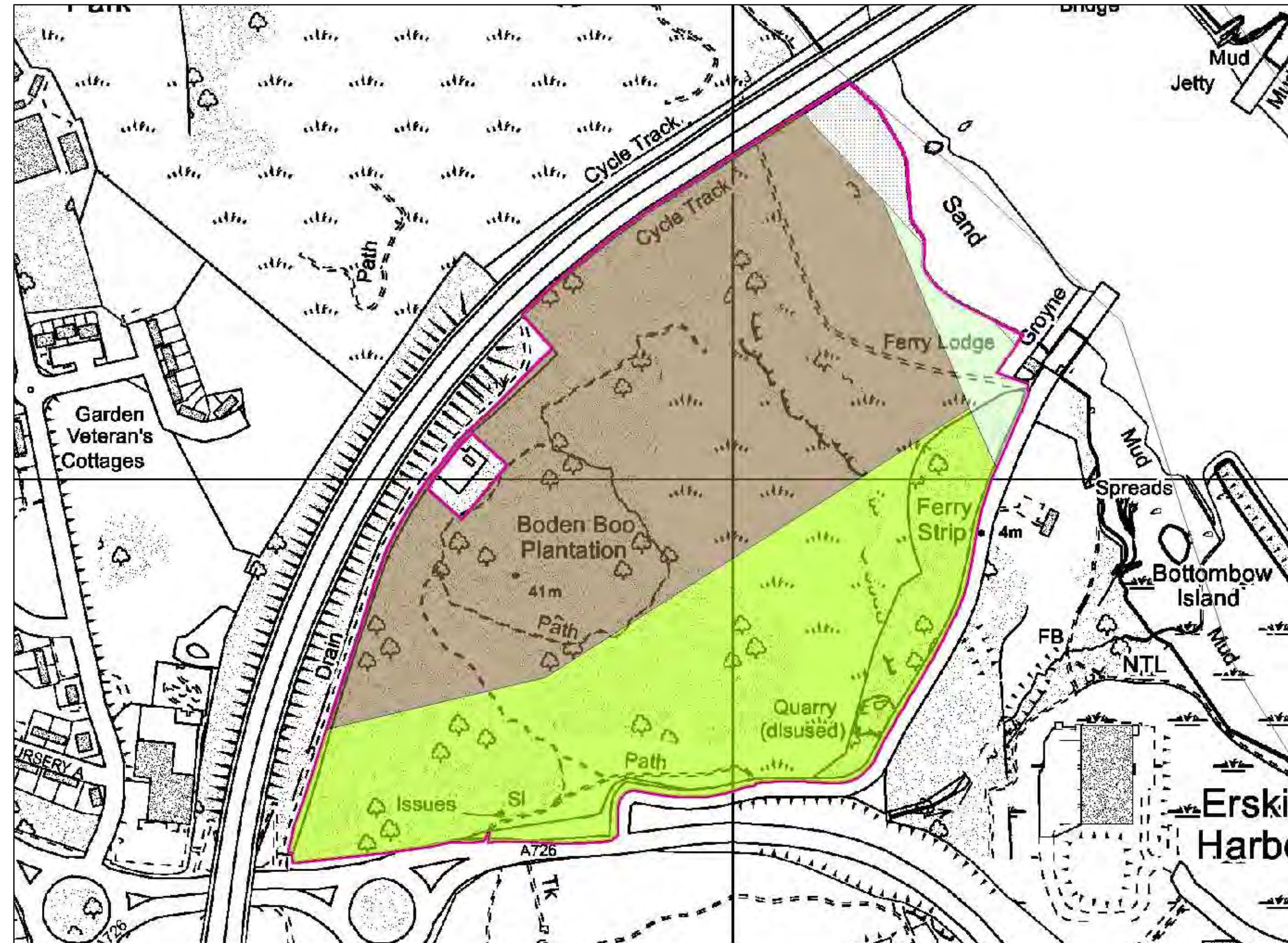


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Legend

-  Boden Boo
-  Basic brown earth
-  Brown surface water gley
-  Valley complex
-  other



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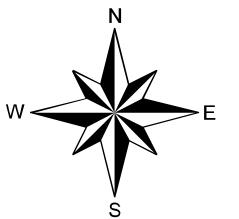
BODEN BOO

CLIMATE

Scale: 3,000 @ A3




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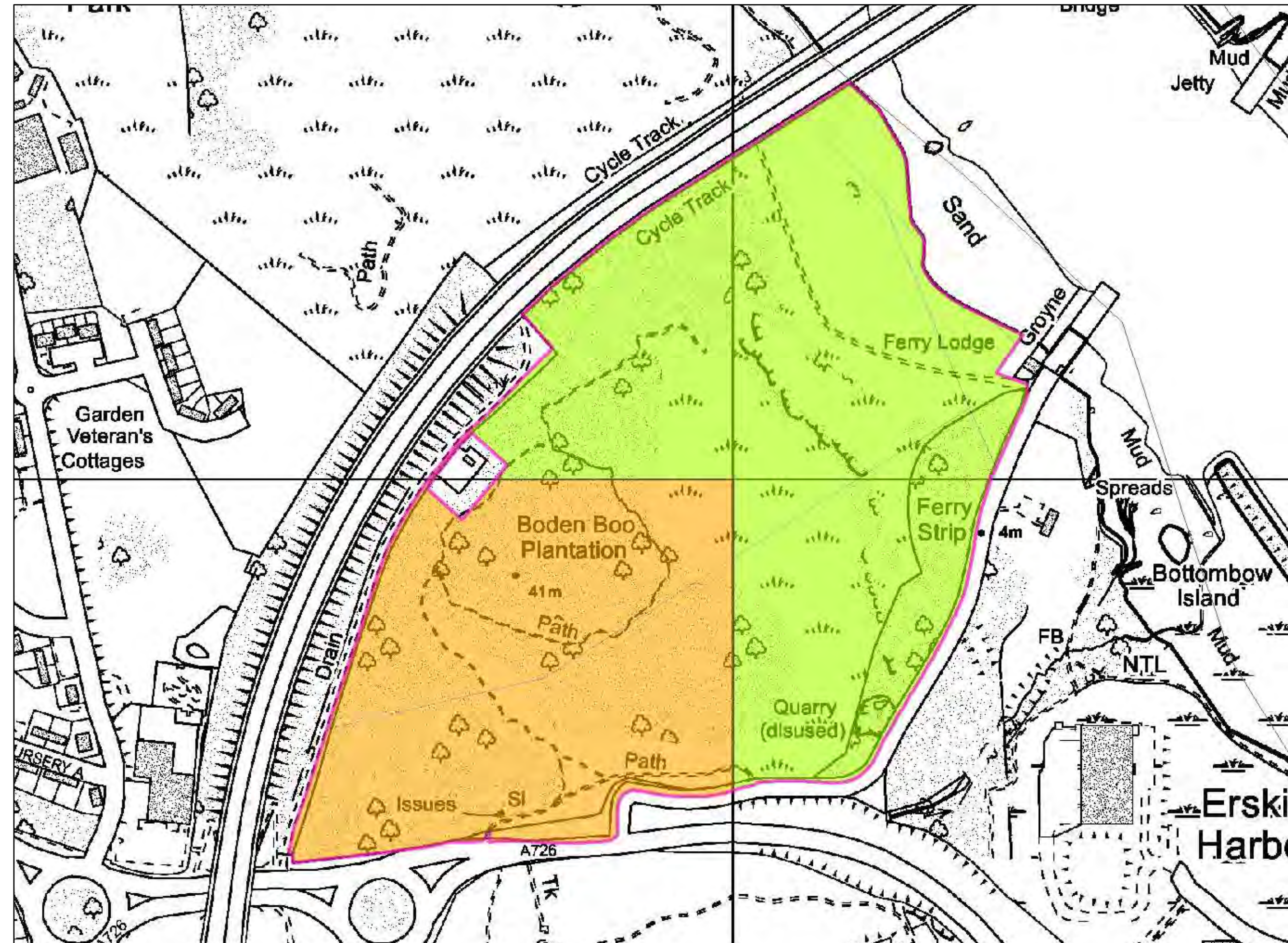
Legend

 Boden Boo

Climate

 Warm, Moist, Moderately Exposed

 Warm, Moist, Sheltered



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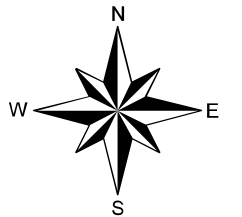
BODEN BOO

CURRENT STOCK

Scale: 3,000 @ A3

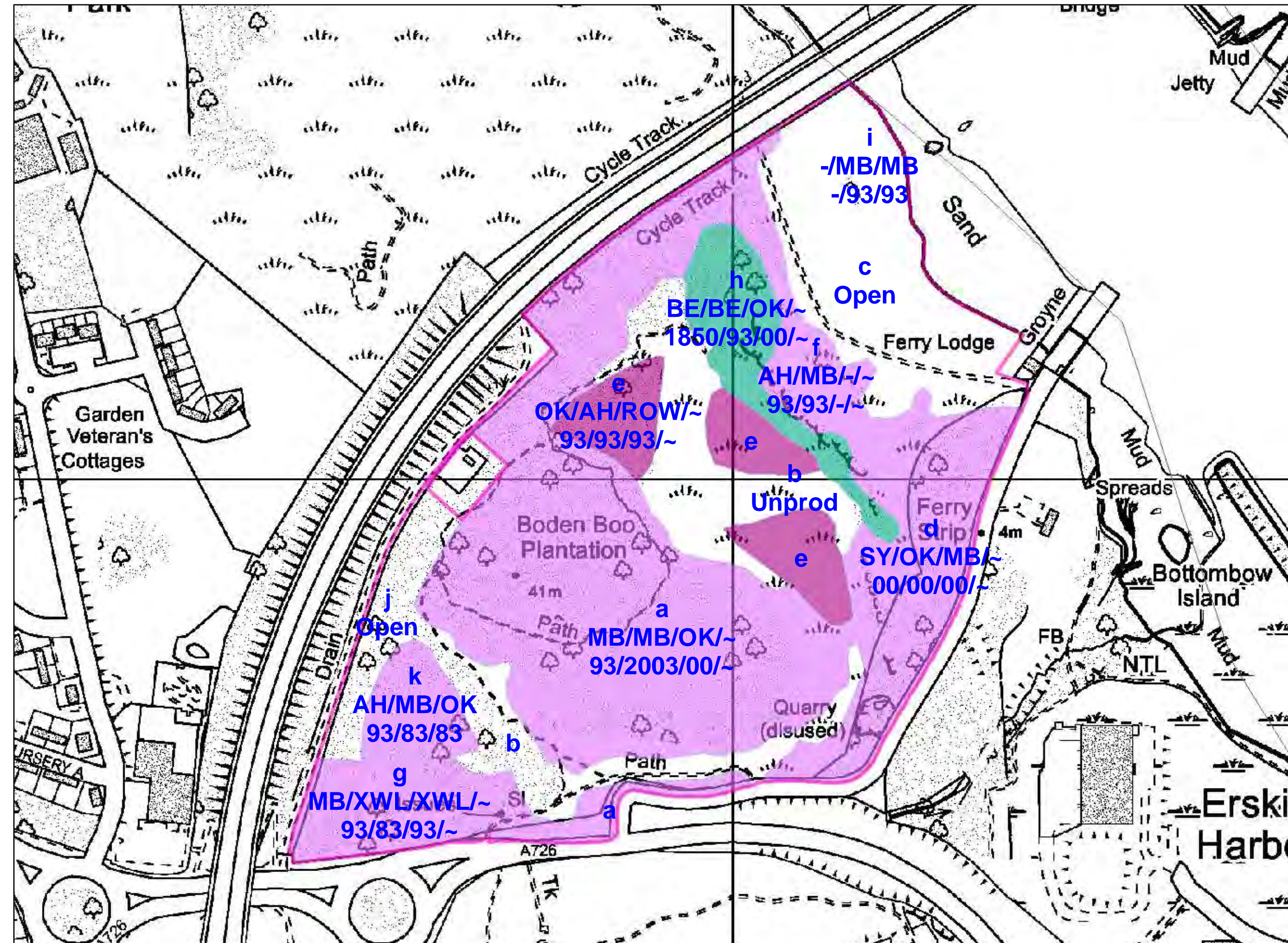


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Legend

- Boden Boo
- Pines
- Spruces
- Larches
- Other Conifer
- Oak
- Beech
- Other Broadleaves



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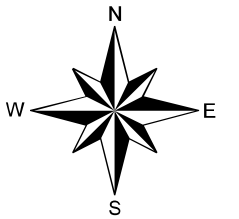
BODEN BOO

NATIVE WOODLAND
SURVEY of SCOTLAND


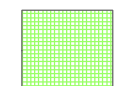
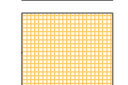
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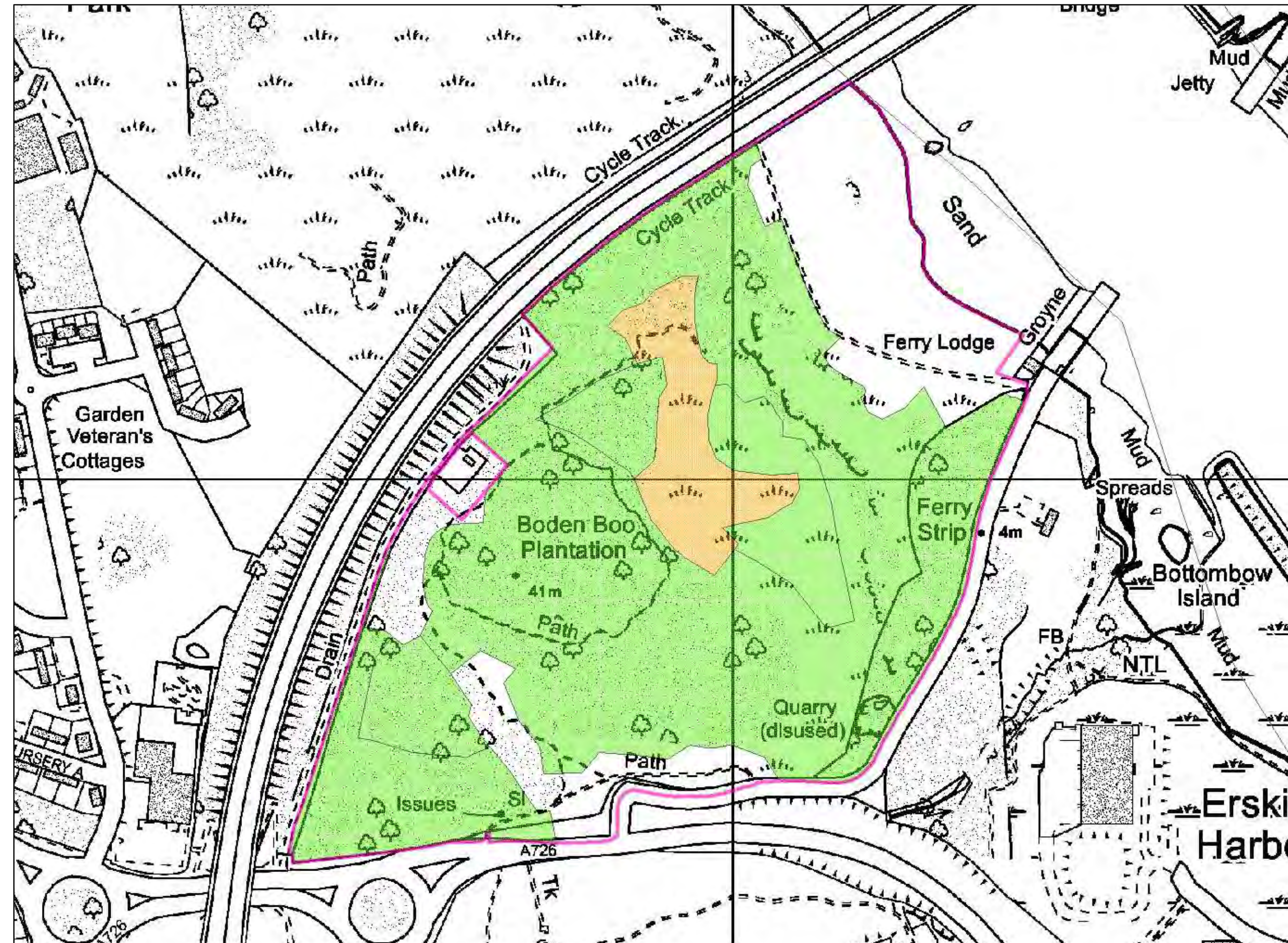


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Legend

-  Boden Boo
- NWSS**
-  Native woodland
-  Open land habitat



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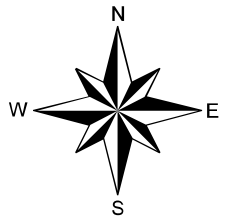
BODEN BOO

ANCIENT WOODLAND


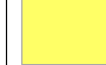
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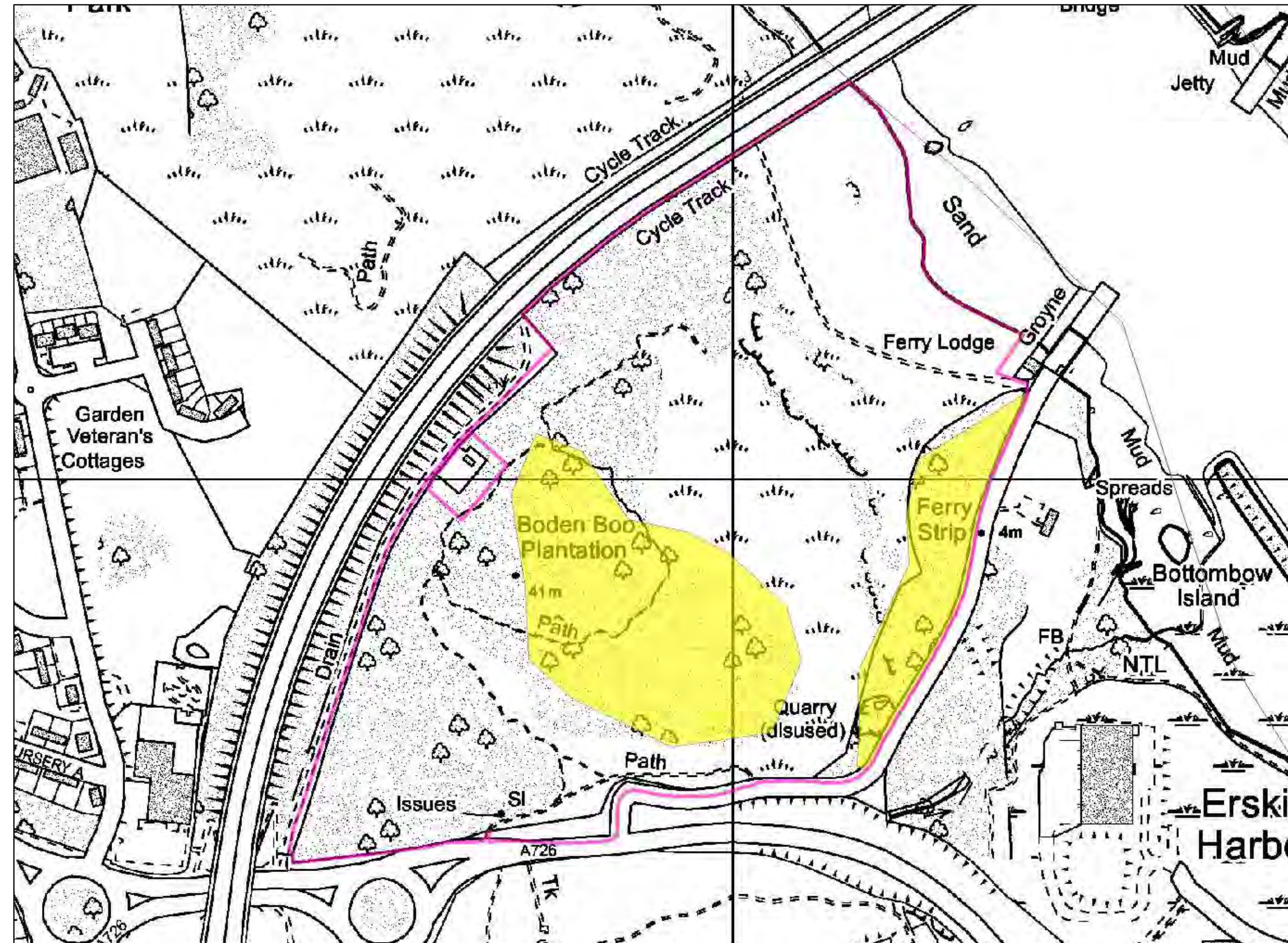


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Legend

-  Boden Boo
-  Long-Established (of plantation origin)



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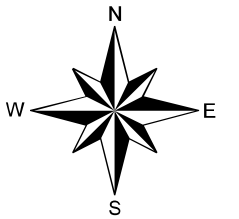
BODEN BOO

UTILITIES






Scale: 3,000 @ A3

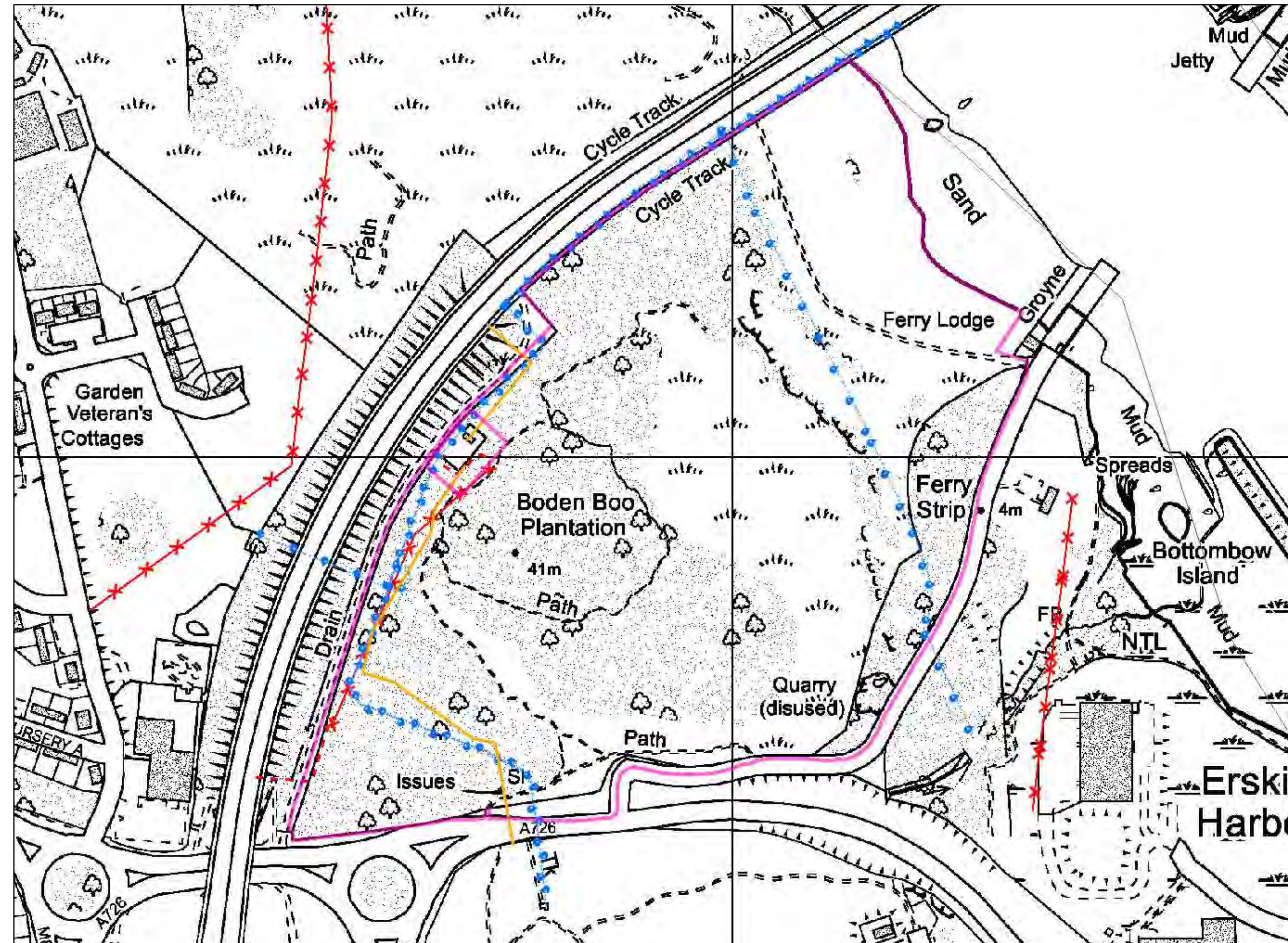


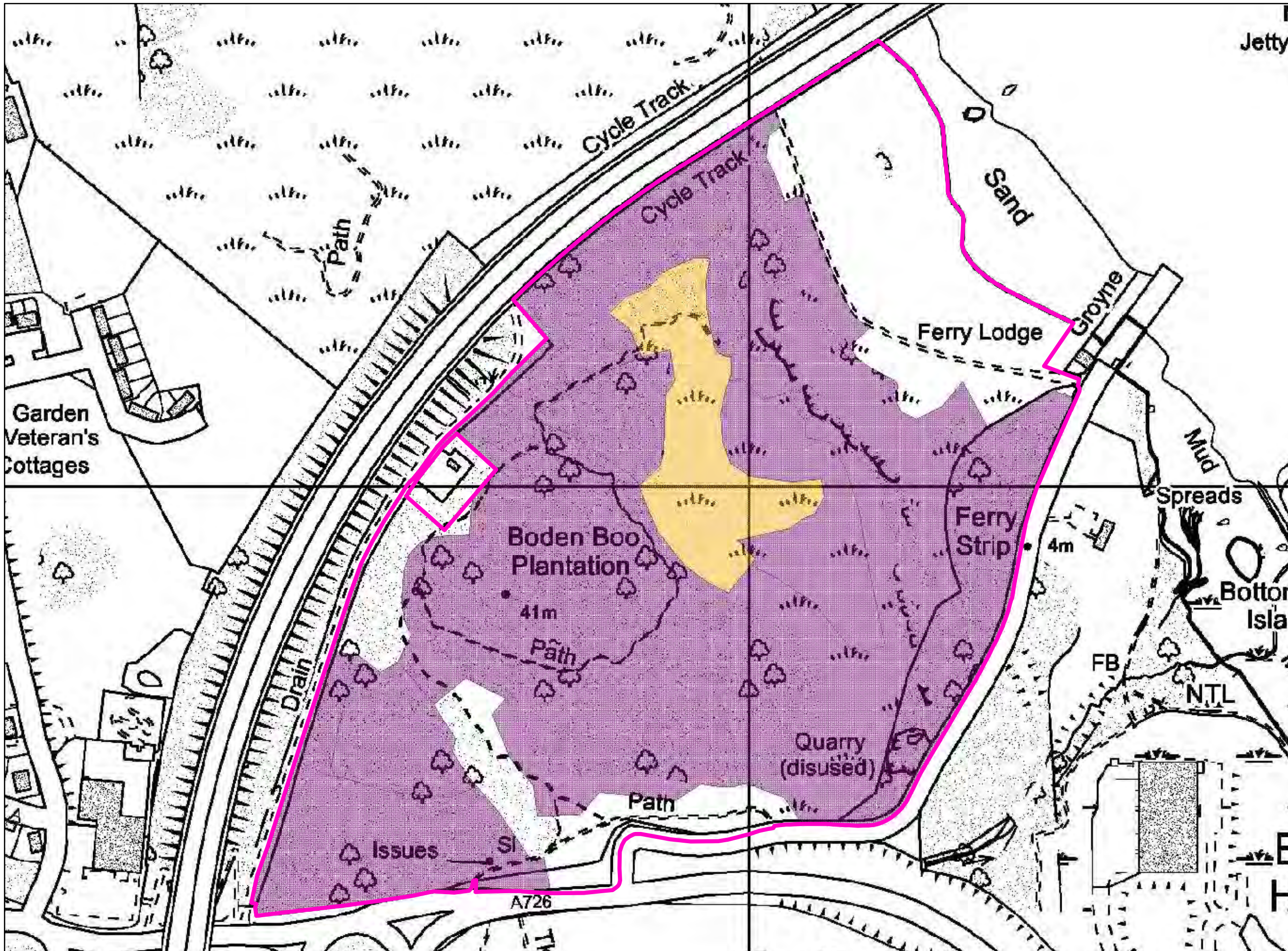
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Legend

-  Boden Boo
-  Power (overhead)
-  Power (underground)
-  Gas
-  Water Pipeline





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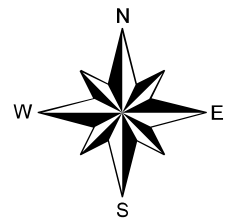
BODEN BOO

NWSS - HABITAT




Scale: 2,717 @ A3



02 May 2016



Legend

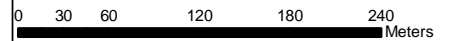
-  Boden Boo
-  Lowland mixed deciduous woodland
-  Open land habitat

Scottish Lowlands FD

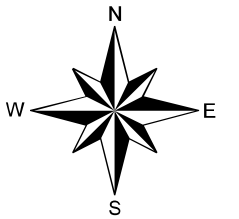
BODEN BOO

SURVEY & KEY FEATURES

Scale: 5,000 @ A3



16 Mar 2016



Legend



Non FCS fenced off gas access surrounds overgrown and unkempt

Path through open area connects with Clyde Walkway and links to neighbouring golf course.

Large open area allowing views of Erskine Bridge and Kilpatrick hills beyond

Desire line running close to the edge of the river bank

Large well used open space next to River Clyde with several large specimen trees, benches, seating.

Path convergence with different surfaces and awkward angles.

Area of mature beech with beech regen evident underneath.

Riverline is a SSSI/SPA/RAMSAR site

Recently planted oak form very poor, stunted, multi stemmed and evidence of squirrel damage.

Car park access also used by neighboring Ferry Lodge residential property.

Obsolete stock boundary fence runs along the western edge of the wood by the gas access track

Wet hollow with standing water.

Path gradient and camber ill suited for all abilities.

Well maintained eastern edge stone boundary wall

Powerline wayleave overgrown with bramble and willowherb

Ash regeneration evident on the ground

Wet areas in hollows with willow

Open areas by path sides overgrown with willowherb/bramble

Western access road gate locked, entrance semi-hidden from road and in close proximity to roundabout with no suitable bell-mouth.

Busy road next to southern pedestrian entrance with no pedestrian crossing management.

Paths on hill top and around hillside provide circular walks through the site.

Parking bay for 3 cars

Ornate stone/metal entrance wall art feature

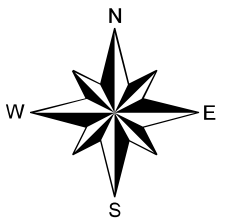
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BODEN BOO
OPPORTUNITIES
AND
CONSTRAINTS

Scale: 5,000 @ A3



16 Mar 2016



Legend



Enhance visitor attraction to the wood by providing interactive art and play features for children.

Busier woods can be off putting to those who prefer a more solitary peaceful experience.

Improve visitor experience on exiting/entering the wood and demarkation of FES management area boundary.

Potential disagreement from Erskine Bridge management company.

Improve River Clyde experience for the visitor by bringing them closer to the water.

Improve onsite furniture replacing with new/more natural alternative.

Wooden benches may be more susceptible to fire and graffiti is less easily removed/covered.

Make more use of the existing open space for activities and events.

Available space and parking facilities limits size of events.

Improve visual appearance and experience for the visitor as well as the biodiversity value of this area.

Improve sections of path to allow for improved access for all abilities and experience of the wood.

Make better use of area of constraint to improve visual appearance and experience for the visitor as well as the biodiversity value of this area.

Safe working heights underneath powerline

Create suitable access to facilitate forest machinery movement and timber extraction.

Potential disagreement from Gas company.

Increase availability of car parking spaces to facilitate potential increase in visitors to the wood.

Lack of suitable area within FC ownership.

Standardise path surfacing material and improve path convergences to facilitate transition through the wood.

Improve aesthetic within the wood with appropriate silviculture.

Work with the existing varied mixed broadleaf species within the wood and patterns of regeneration to facilitate the healthy growth of the wood. Use small scale CCF/LISS thinning, respacing and pruning creating gaps for further regeneration, the space for thicket stage crops to develop with decent form.

Boden Boo

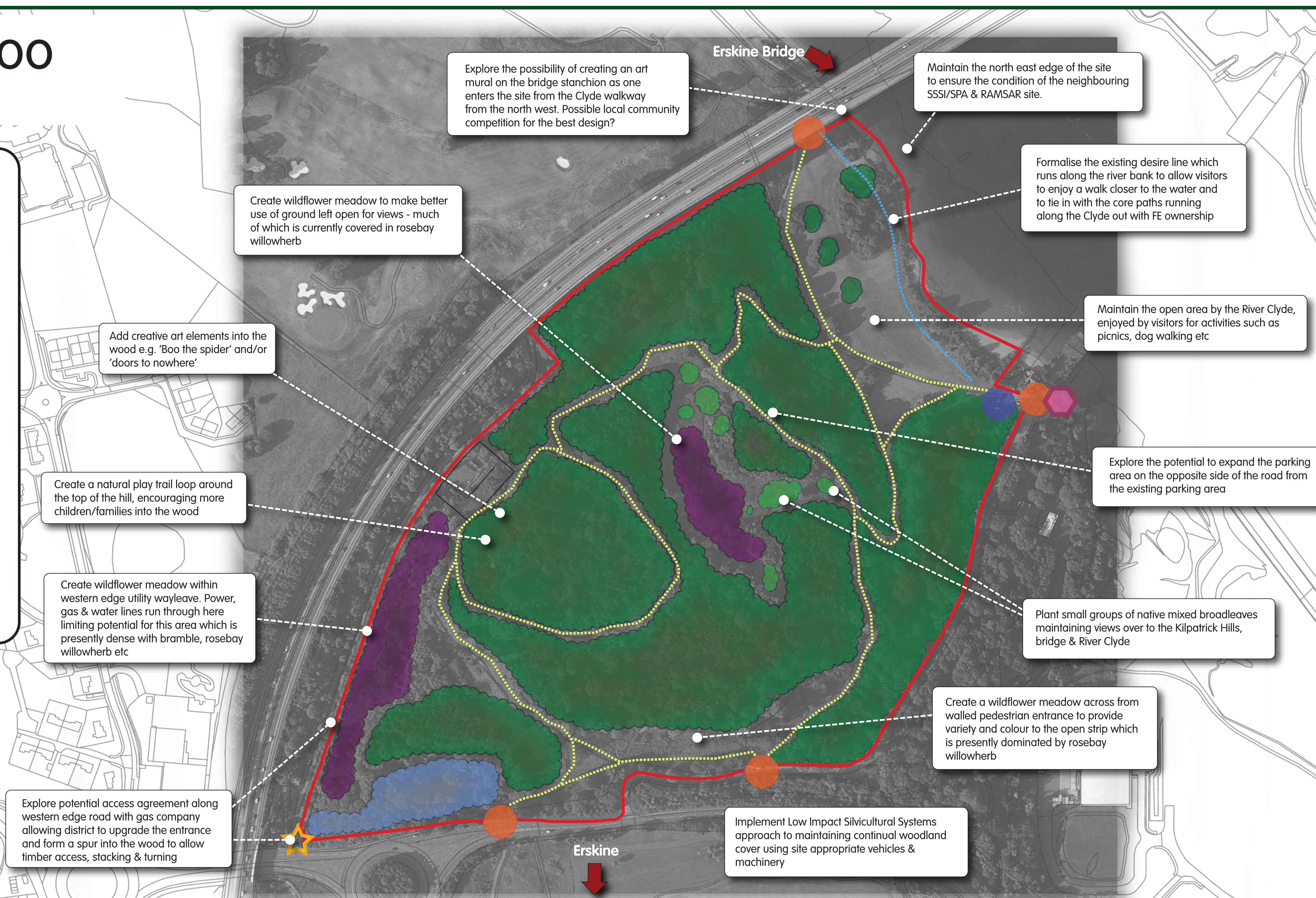
Concept Map

Key

- Existing car park
- Entrance
- ★ Proposed new access - agreement with upgrade for forest road & timber extraction
- ⬡ Explore extra car parking
- Existing Mixed Broadleaf
- Proposed new planting
- Existing wet woodland
- Proposed wildflower meadow
- ⋯ Existing path network
- Boundary line
- ⋯ Informal Desire Line

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Explore the possibility of creating an art mural on the bridge stanchion as one enters the site from the Clyde walkway from the north west. Possible local community competition for the best design?

Maintain the north east edge of the site to ensure the condition of the neighbouring SSSI/SPA & RAMSAR site.

Formalise the existing desire line which runs along the river bank to allow visitors to enjoy a walk closer to the water and to tie in with the core paths running along the Clyde out with FE ownership

Create wildflower meadow to make better use of ground left open for views - much of which is currently covered in rosebay willowherb

Maintain the open area by the River Clyde, enjoyed by visitors for activities such as picnics, dog walking etc

Add creative art elements into the wood e.g. 'Boo the spider' and/or 'doors to nowhere'

Explore the potential to expand the parking area on the opposite side of the road from the existing parking area

Create a natural play trail loop around the top of the hill, encouraging more children/families into the wood

Plant small groups of native mixed broadleaves maintaining views over to the Kilpatrick Hills, bridge & River Clyde

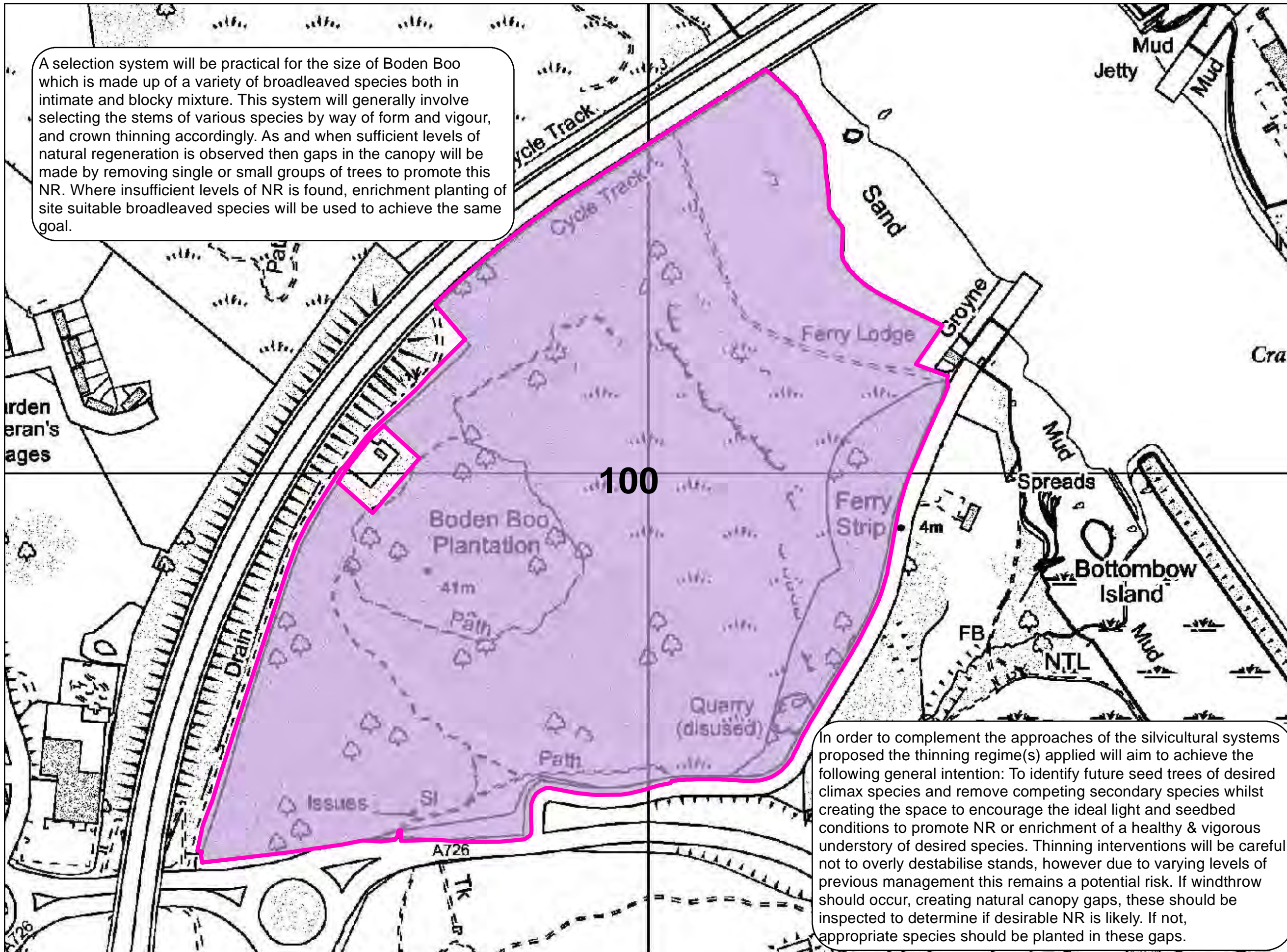
Create wildflower meadow within western edge utility wayleave. Power, gas & water lines run through here limiting potential for this area which is presently dense with bramble, rosebay willowherb etc

Create a wildflower meadow across from walled pedestrian entrance to provide variety and colour to the open strip which is presently dominated by rosebay willowherb

Explore potential access agreement along western edge road with gas company allowing district to upgrade the entrance and form a spur into the wood to allow timber access, stacking & turning

Implement Low Impact Silvicultural Systems approach to maintaining continual woodland cover using site appropriate vehicles & machinery

Erskine



A selection system will be practical for the size of Boden Boo which is made up of a variety of broadleaved species both in intimate and blocky mixture. This system will generally involve selecting the stems of various species by way of form and vigour, and crown thinning accordingly. As and when sufficient levels of natural regeneration is observed then gaps in the canopy will be made by removing single or small groups of trees to promote this NR. Where insufficient levels of NR is found, enrichment planting of site suitable broadleaved species will be used to achieve the same goal.

In order to complement the approaches of the silvicultural systems proposed the thinning regime(s) applied will aim to achieve the following general intention: To identify future seed trees of desired climax species and remove competing secondary species whilst creating the space to encourage the ideal light and seedbed conditions to promote NR or enrichment of a healthy & vigorous understory of desired species. Thinning interventions will be careful not to overly destabilise stands, however due to varying levels of previous management this remains a potential risk. If windthrow should occur, creating natural canopy gaps, these should be inspected to determine if desirable NR is likely. If not, appropriate species should be planted in these gaps.

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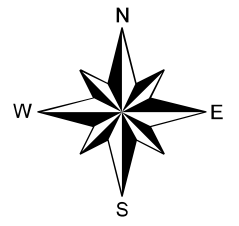
BODEN BOO

MANAGEMENT TYPE


Scale: 3,000 @ A3




26 Oct 2016

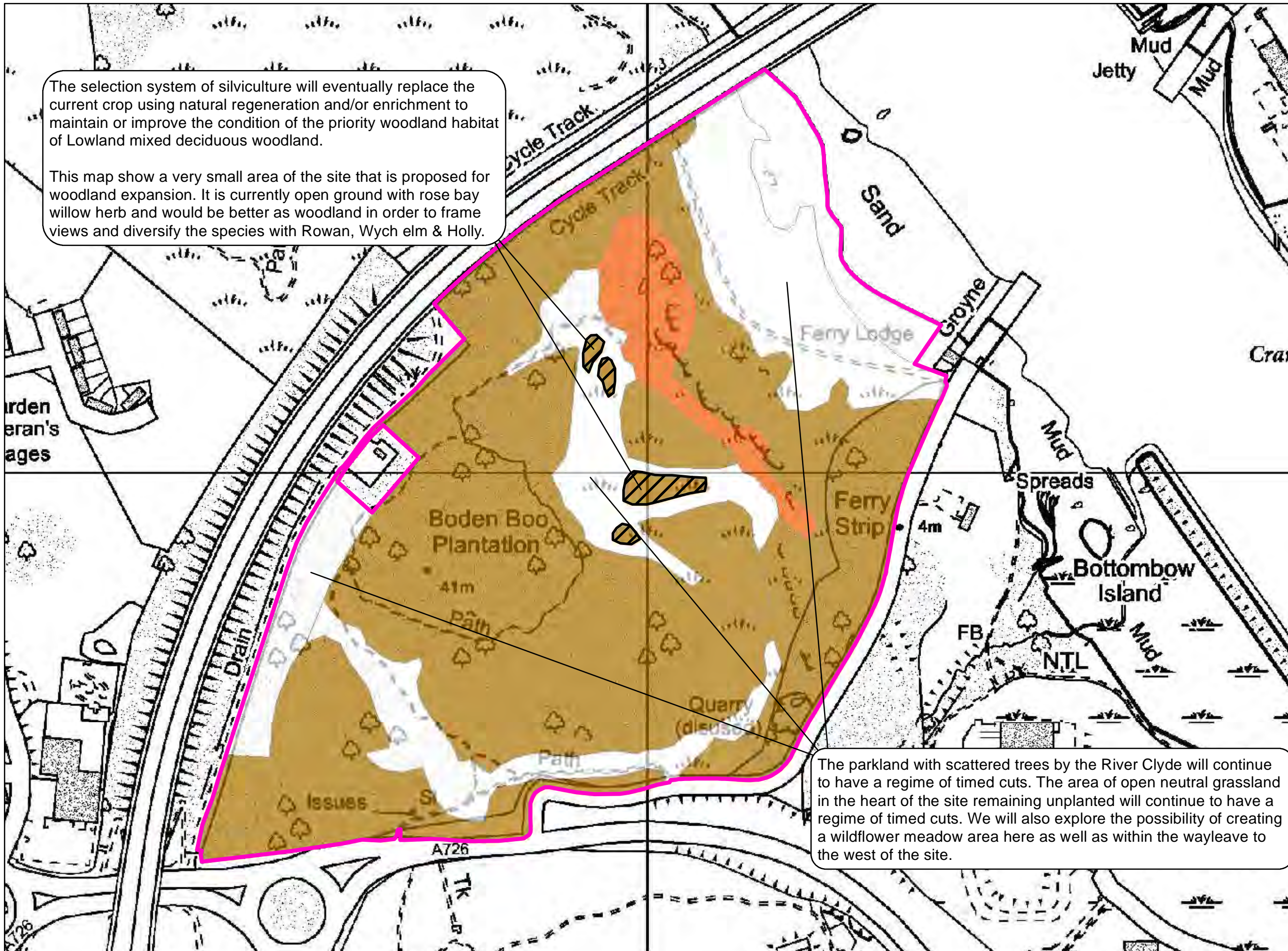


Legend

 Boden Boo

Management Type

 Low impact silviculture



The selection system of silviculture will eventually replace the current crop using natural regeneration and/or enrichment to maintain or improve the condition of the priority woodland habitat of Lowland mixed deciduous woodland.

This map show a very small area of the site that is proposed for woodland expansion. It is currently open ground with rose bay willow herb and would be better as woodland in order to frame views and diversify the species with Rowan, Wych elm & Holly.

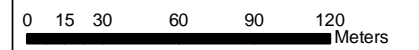
The parkland with scattered trees by the River Clyde will continue to have a regime of timed cuts. The area of open neutral grassland in the heart of the site remaining unplanted will continue to have a regime of timed cuts. We will also explore the possibility of creating a wildflower meadow area here as well as within the wayleave to the west of the site.

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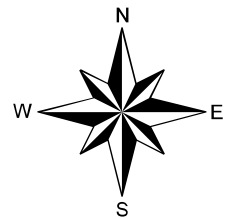
BODEN BOO

FUTURE HABITATS & SPECIES


Scale: 3,000 @ A3




26 Oct 2016



Legend

 Boden Boo

Future Species

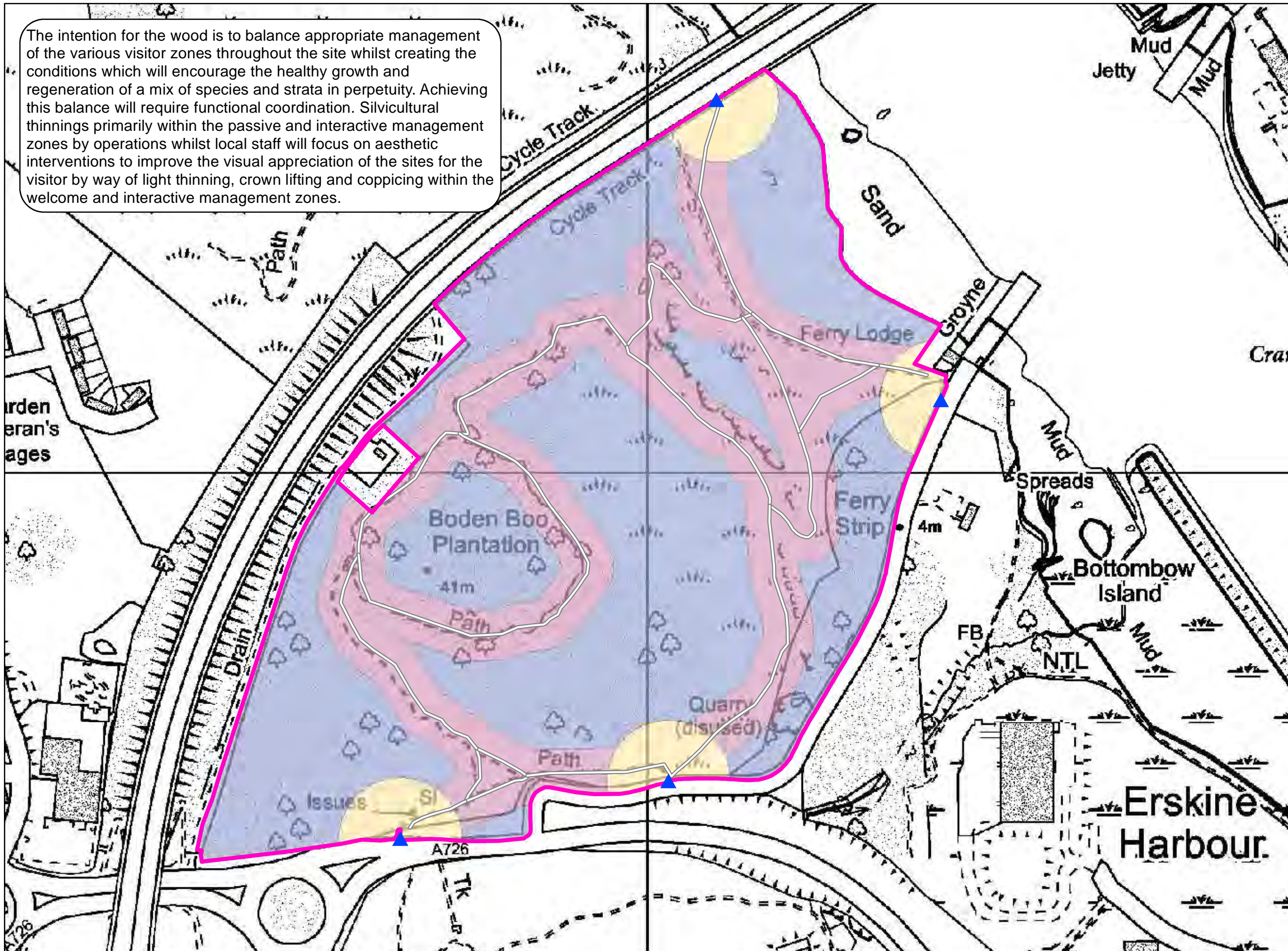
 Broadleaves

 Beech/Broadleaves

 Open/Other

 Approval Area

The intention for the wood is to balance appropriate management of the various visitor zones throughout the site whilst creating the conditions which will encourage the healthy growth and regeneration of a mix of species and strata in perpetuity. Achieving this balance will require functional coordination. Silvicultural thinnings primarily within the passive and interactive management zones by operations whilst local staff will focus on aesthetic interventions to improve the visual appreciation of the sites for the visitor by way of light thinning, crown lifting and coppicing within the welcome and interactive management zones.



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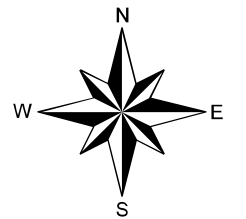
BODEN BOO

VISITOR ZONING







Scale: 3,000 @ A3



28 Oct 2016

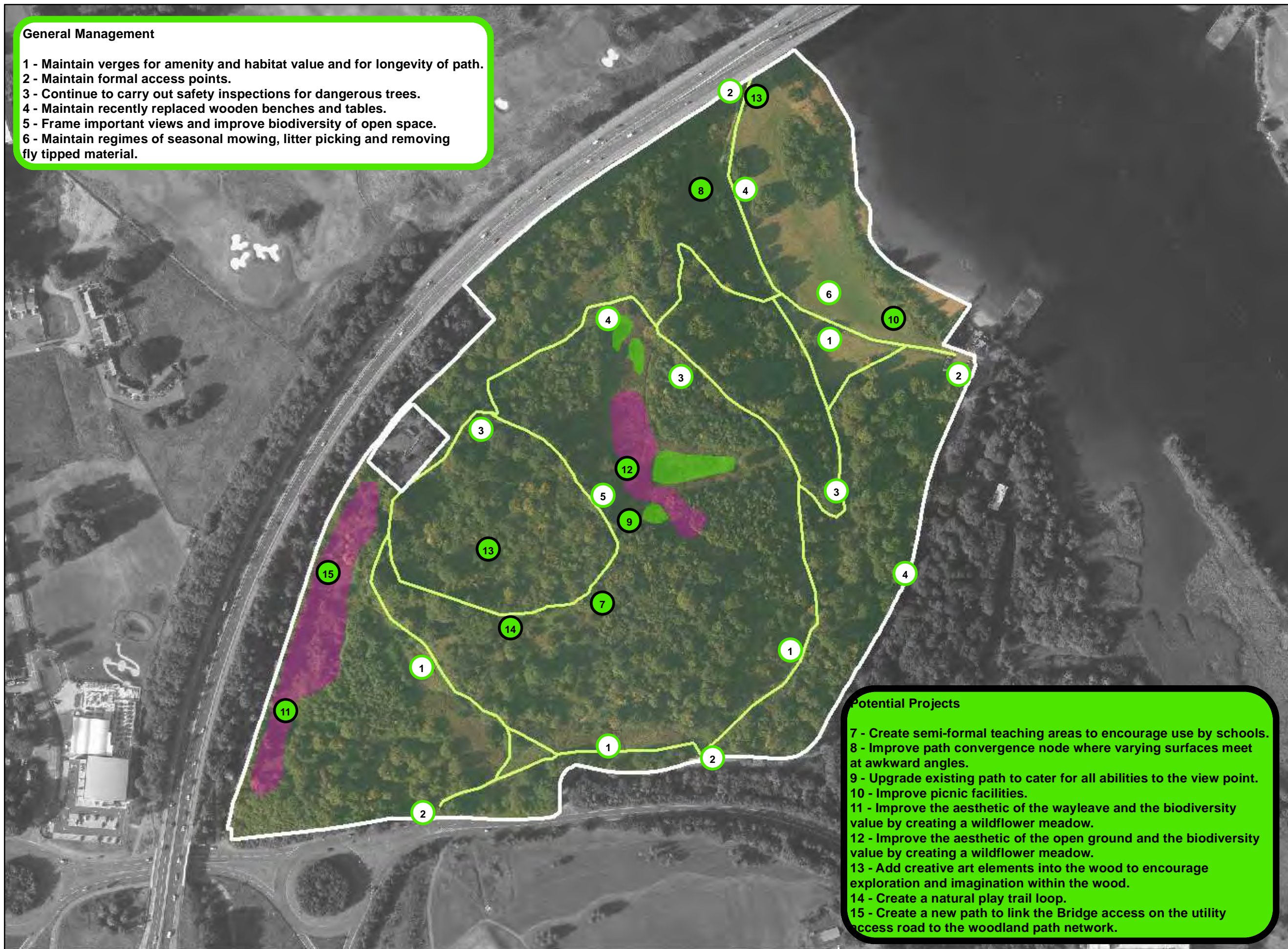


Legend

-  Boden Boo
-  Boden_Boo_Access
-  Paths
-  Welcome Zone
-  Interactive Zone
-  Passive Zone

General Management

- 1 - Maintain verges for amenity and habitat value and for longevity of path.
- 2 - Maintain formal access points.
- 3 - Continue to carry out safety inspections for dangerous trees.
- 4 - Maintain recently replaced wooden benches and tables.
- 5 - Frame important views and improve biodiversity of open space.
- 6 - Maintain regimes of seasonal mowing, litter picking and removing fly tipped material.



- Potential Projects**
- 7 - Create semi-formal teaching areas to encourage use by schools.
 - 8 - Improve path convergence node where varying surfaces meet at awkward angles.
 - 9 - Upgrade existing path to cater for all abilities to the view point.
 - 10 - Improve picnic facilities.
 - 11 - Improve the aesthetic of the wayleave and the biodiversity value by creating a wildflower meadow.
 - 12 - Improve the aesthetic of the open ground and the biodiversity value by creating a wildflower meadow.
 - 13 - Add creative art elements into the wood to encourage exploration and imagination within the wood.
 - 14 - Create a natural play trail loop.
 - 15 - Create a new path to link the Bridge access on the utility access road to the woodland path network.

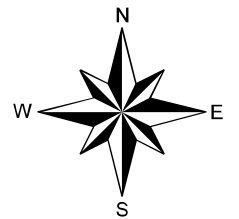
Scottish Lowlands FD

BODEN BOO
 CRT
 GENERAL MANAGEMENT
 &
 POTENTIAL PROJECTS





Scale: 3,000 @ A3



08 Nov 2016



Legend

-  Boden Boo
-  Proposed new planting
-  Potential meadow
-  Paths