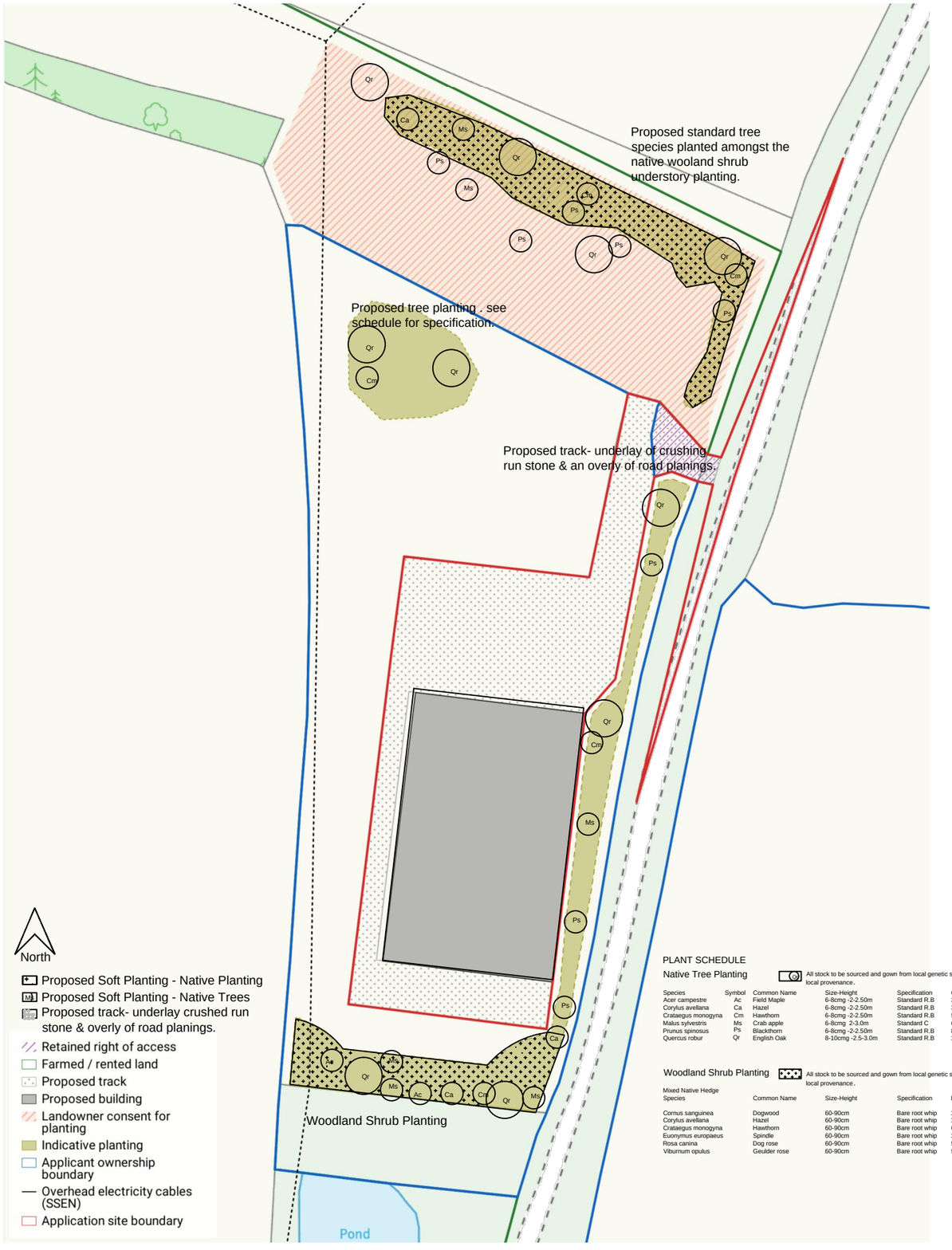



PLANT SCHEDULE

Native Tree Planting — All stock to be sourced and gown from local genetic stock of local provenance.

| Species | Symbol | Common Name | Size-Height | Specification | Quantity |
|---|---|---|---|---|---|
| Acer campestre | Ac | Field Maple | 6-8cmg -2-2.50m | Standard R.B | 2 |
| Corylus avellana | Ca | Hazel | 6-8cmg -2-2.50m | Standard R.B | 3 |
| Crataegus monogyna | Cm | Hawthorn | 6-8cmg -2-2.50m | Standard R.B | 5 |
| Malus sylvestris | Ms | Crab apple | 6-8cmg 2-3.0m | Standard C | 6 |
| Prunus spinosus | Ps | Blackthorn | 6-8cmg -2-2.50m | Standard R.B | 8 |
| Quercus robur | Qr | English Oak | 8-10cmg -2.5-3.0m | Standard R.B | 10 |

Woodland Shrub Planting — All stock to be sourced and gown from local genetic stock of local provenance.

Mixed Native Hedge

| Species | Common Name | Size-Height | Specification | Density |
|---|---|---|---|---|
| Cornus sanguinea | Dogwood | 60-90cm | Bare root whip | 10% |
| Corylus avellana | Hazel | 60-90cm | Bare root whip | 10% |
| Crataegus monogyna | Hawthorn | 60-90cm | Bare root whip | 60% |
| Euonymus europaeus | Spindle | 60-90cm | Bare root whip | 10% |
| Rosa canina | Dog rose | 60-90cm | Bare root whip | 5% |
| Viburnum opulus | Geulder rose | 60-90cm | Bare root whip | 5% |

## PLANTING AND MANAGEMENT NOTES

### TREES

***Planting Specifications***

**Native Recommended Tree Schedule**

| Plan Ref. | Botanical Name | Common name | Specification | Girth (cm) | Approx. height (m) | Clear stem height (m) | No. |
|---|---|---|---|---|---|---|---|
| Ac | *Acer campestre* | Field maple | Light Standard | 6-8 | 2.50/3.00 | 1.75/2.00 | 2 |
| Cm | *Crataegus monogyna* | Hawthorn | Light Standard | 6-8 | 2.50/3.00 | 1.50-1.75 | 5 |
| Qr | *Quercus robur* | English oak | Standard | 8-10 | 3.50/4.00 | 1.75-2.00 | 10 |
| Ca | *Corylus avellana* | Hazel | Light Standard | 6--8 | 2.50/3.00 | 1.50/1.75 | 3 |
| Ms | *Malus sylvestris* | Apple | Light Standard | 6-8 | 2.50/3.00 | 1.50/1.75 | 6 |
| Ps | *Prunus spiosus* | Feathered | Light Standard | 6-8 | 2/2.50 | fth | 8 |

***Maintenance Operations***

a. The planting will be checked at regular intervals and any damaged stakes, canes and tie replaced. Plants will be firmed up following planting and, if necessary, until established. An plants which die, become diseased or damaged will be replaced.

b. Until the plants are established, they will be watered to ground capacity during dry periods.

c. Weeding around trees will be carried out by hand or by on the spot application c glyphosate, taking care not to spray the tree stems, until the plants are well establishec Mulch will be applied annually, using 50mm of matured wood bark, or wet straw, for the first three years after planting to suppress weed growth and contain the moisture.

d. Any losses should be replaced during the following planting season to achieve a stocking rate of 95% by the end of the 5-year period.

e. The stakes and guards should be removed when the trees are established, after approximately 3 to 5 years.

f. Limited formative pruning will be necessary to ensure that healthy and balanced crowns develop, avoiding 2 weeks either side of bud burst and leaf fall, at which time the stakes, guards and tree ties should be checked to ensure that the trees are not being damaged by them.

g. Mature and established trees will be inspected on an annual basis and any necessary work performed.

### INDIVIDUAL TREE PLANTING AND MANAGEMENT

***Ground Preparation and Planting***

a. All trees are to be pit-planted in an area cleared of all vegetation within $1m^2$ around each tree. All trees will comprise pot grown or root-balled stock and will be planted during the first planting season following completion of development (i.e. between November and March) when the ground is neither frozen nor waterlogged. If the ground is dry, the plants will be watered to ground capacity on planting.

b. Trees are to be planted at, at least 7.50m centres in square tree pits. Tree pits will be at least 200mm wider in diameter and 200mm deeper than the root spread. 200g of slow release fertiliser will be added to each tree pit.

c. All *'Light Standard'* and *'Standard'* trees will be single staked.

d. All *'Heavy Standard'* trees will be double staked.

e. All trees will be mesh guarded to prevent damage by vermin.

***Maintenance Operations***

a. The planting will be checked at regular intervals and any damaged stakes, canes and ties replaced. Plants will be firmed up following planting and, if necessary, until established. Any plants which die, become diseased or damaged will be replaced.

b. Until the plants are established, they will be watered to ground capacity during dry periods.

c. Weeding around trees will be carried out by hand or by on the spot application of glyphosate, taking care not to spray the tree stems, until the plants are well established. Mulch will be applied annually, using 50mm of matured wood bark, or wet straw, for the first three years after planting to suppress weed growth and contain the moisture.

d. Limited formative pruning will be necessary to ensure that healthy and balanced crowns develop, avoiding 2 weeks either side of bud burst and leaf fall, at which time the stakes, guards and tree ties should be checked to ensure that the trees are not being damaged by them. The stakes and guards should be removed when the trees are established, after approximately 3 to 5 years.

e. Any losses should be replaced during the following planting season to achieve a stocking rate of 100% by the end of the 5-year period.

f. Mature and established trees will be inspected on an annual basis and any necessary work performed.

### WOODY SHRUB

***Planting Specifications***

**Native Woody Shrub Planting Schedule**

| Scientific name | Common name | Specification | Height (cm) | % |
|---|---|---|---|---|
| *Corylus avellana* | Hazel | Bare Root Whip | 60–90 | 20 |
| *Crataegus monogyna* | Hawthorn | Bare Root Whip | 60–90 | 25 |
| *Euonymus europaeus* | Spindle | Bare Root Whip | 60–90 | 5 |
| *Ligustrum vulgare* | Wild privet | Bare Root Whip | 60–90 | 15 |
| *Prunus spinosa* | Blackthorn | Bare Root Whip | 60–90 | 10 |
| *Rosa canina agg* | Dog rose | Bare Root Whip | 60–90 | 5 |
| *Viburnum opulus* | Guelder rose | Bare Root Whip | 60–90 | 5 |

***Maintenance Operations***

a. The planting will be checked at regular intervals and any damaged stakes, canes and replaced. Plants will be firmed up following planting and, if necessary, until established. Any plants which die, become diseased or damaged will be replaced.

b. Until the plants are established, they will be watered to ground capacity during dry periods.

c. Weeding around trees will be carried out by hand or by on the spot application of glyphosate, taking care not to spray the tree stems, until the plants are well established. Mulch will be applied annually, using 50mm of matured wood bark, or wet straw, for the first three years after planting to suppress weed growth and contain the moisture.

d. Any losses should be replaced during the following planting season to achieve a stocking rate of 95% by the end of the 5-year period.

e. The canes and guards should be removed when established, after approximately 3 to 5 years.

f. Pruning will be required to ensure the growth of strong shrub planting and will be carried out once the plants are well established, normally after 2 years but dependent on growth rates.

g. Pruning should take place in February to maximise retention of any berries for bird foraging.

### WOODY PLANTS LANDSCAPE MANAGEMENT – TEN YEAR SCHEDULE

| Month/ Year | Woodland/Trees | Hedges |
|---|---|---|
| ***Year 1*** *November - March* | Plant new trees to specification. | Plant new hedges to specification. |
| *April - July* | Hand weed. Check stakes and guards on a regular basis. Check for damage. Irrigate new planting as necessary in dry weather. | Herbicide weed control. Check fencing and guards on a regular basis. Check for vermin damage. |
| *August - October* | As above. | As above and lightly trim top growth to encourage dense low growth. |
| ***Year 2*** *November - March* | Check all trees and guards and stakes. Replace failures. | Check all plants and replace failures. Check guards, stakes and fences. |
| *April - July* | As Year 1. (Irrigation will not be necessary). | As Year 1. |
| *August to October* | As April to July. | As Year1. |
| ***Year 3*** *November - March* | Replace failures. As Year 2. Pruning deciduous trees apart from maple and birch. | As Year 2 |
| *April - October* | Formative pruning of maple and birch. Remove guards and stakes on vigorous plants. | As Years 1 and 2 |
| ***Years 4 and 5*** *November - March* | Replace failures. Remove guards and stakes. Prune deciduous trees except maple and birch. | As Years 1 and 2. Remove guards and stakes depending on establishment of new planting. |
| *April to October* | Formative pruning of maple and birch trees in summer. Remove any remaining guards and stakes. | Remove guards and trim to shape. Gap up as necessary to achieve 95% stocking rate. |
| | **Post Implementation** | |
| ***Years 6-10*** | Established trees will be inspected on an annual basis and any necessary work performed. | Maintain hedges at the heights specified. |

Assetsphere

Planting Plan, Plant Schedule & Notes

Billhay Farm, Takes Lane, Semley Wiltshire

Scale N.A
21st August 2023
SAT - ARTLAND