



Native Woodland Mix (plant at 1 plants/m ² in single species groups of 3-5 plants)						
Abbrev	Species Name	Common Name	Height	General Specification	% Mix	Quantity
Ac ca	Acer campestre	Field Maple	80-100cm	1+1: Transplant - seed raised: B	10%	1056
Be pe	Betula pendula	Silver Birch	80-100cm	1+1: Transplant - seed raised: B	10%	1056
Be pu	Betula pubescens	Downy Birch	80-100cm	1+1: Transplant - seed raised: B	10%	1056
Ca be	Carpinus betulus	Hornbeam	150-175cm	2x; Feathered; 3 breaks B	5%	527
Co av	Corylus avellana	Common Hazel	60-80cm	1+1: Transplant - seed raised: B	15%	1584
Ma sy	Malus sylvestris	Crab Apple	80-100cm	1+2: Transplant - seed raised: B	5%	527
Pr av	Prunus avium	Wild Cherry	150-175cm	1+1: Transplant - seed raised: B	10%	1056
Qu pe	Quercus petraea	Sessile Oak	80-100cm	1+2: Transplant - seed raised: B	5%	527
Qu ro	Quercus robur	English Oak	80-100cm	1+2: Transplant - seed raised: B	10%	1056
Qu ro(f)	Quercus robur	English Oak	150-175cm	2x; Feathered; 3 breaks B	5%	527
So au	Sorbus aucuparia	Rowan	80-100cm	1+1: Transplant - seed raised: B	10%	1056
Ti co	Tilia cordata	Small-Leaved Lime	80-100cm	1+1: Transplant - seed raised: B	5%	527

Hedgerow Mix (plant in a double-staggered row, at 5 per linear m in single species groups of 3-7 plants)							
Abbrev	Species Name	Common Name	Group	Height	General Specification	% Mix	Quantity
Co av	Corylus avellana	Common Hazel	Shrub	80-100cm	1+2: Transplant - seed raised: Branched: 4 brks: B	10	268
Co sa	Cornus sanguinea	Dogwood	Shrub	40-60cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5	134
Cr mo	Crataegus monogyna	Common Hawthorn	Shrub	80-100cm	1+2: Transplant - seed raised: 4 brks: B	25	671
Eu eu	Euonymus europaeus	Spindle	Shrub	80-100cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10	268
Pr sp	Prunus spinosa	Blackthorn	Shrub	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	25	671
Ro ca	Rosa canina	Dog Rose	Shrub	80-100cm	1+1: Transplant - seed raised: B	5	134
Sa ni	Sambucus nigra	Common Elder	Shrub	80-100cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5	134
Vi op	Viburnum opulus	Gelder Rose	Shrub	80-100cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5	134
Ac ca	Acer campestre	Field Maple	Tree	120-150cm	2x; Feathered; 3 breaks	5	134
Ma sy	Malus sylvestris	Crab Apple	Tree	120-150cm	2x; Feathered; 3 breaks	5	134

Hedgerow Trees (plant in groups of 1-3 of same species, at locations indicated on plan)						
Abbrev	Species Name	Common Name	Height	General Specification	% Mix	Quantity
Ac ca	Acer campestre	Field Maple	250-300cm	2x; Feathered; 5 breaks	25%	8
Ma sy	Malus sylvestris	Crab Apple	80-100cm	2x; Feathered; 5 breaks	5%	2
Pr av	Prunus avium	Wild Cherry	150-175cm	2x; Feathered; 5 breaks	5%	2
Qu pe	Quercus petraea	Sessile Oak	250-300cm	2x; Feathered; 5 breaks	5%	2
Qu ro	Quercus robur	English Oak	250-300cm	2x; Feathered; 5 breaks	60%	19

Long Term Management Plan

Pruning generally

1. All dead, damaged or diseased tree branches shall be removed and arisings removed from site. Shrubs shall be pruned in the appropriate season (see hedgerows, below) to maintain health and vigour and encroachment on access route/storage areas, etc. Avoid cutting operations from March to August (inclusive) to prevent disturbance of breeding birds.

Hedgerows

2. Hedgerows shall be pruned on one side per year, alternating on a 2 or 3 year rotation in February, and maintained a minimum height of 2 - 3m (otherwise stated on the plan) to promote bushy growth while providing continued habitat and foraging opportunities for wildlife. Hedgerow trees shall be encouraged to develop to full maturity.

Wildflower Meadow Grassland

3. Meadow grassland within the inner section of the fields (under and around the solar arrays) to be cut as frequently; areas away from the solar panels to be cut annually, as a summer hay cut, with arisings removed; and the boundaries of the field to be cut on a rotational three-year cycle.

Scrub & Brook Corridor

4. Areas to be thinned and trimmed to a height of between 1 and 3 meters on a 3 year rotational basis.

Woodland

5. Carry out selective thinning and coppicing of approximately 30% of plants in Year 5. Leave deadwood and brush piles in situ.

General

6. All soft and hard landscaping shall be inspected annually by the Landscape Contractor and an approved arboriculturist and tree works carried out as necessary to ensure the continued health and safety of the trees. Regular weed control and litter picking operations will be required.

LANDSCAPE & BIODIVERSITY MANAGEMENT PLAN

Establishment and Maintenance Period (Years 1-5)

Pruning generally

1. All dead, damaged or diseased tree branches shall be removed and arisings removed from site. Trees and shrubs shall be pruned in the appropriate season to maintain health and vigour and to prevent encroachment on access route/storage areas, etc. The removal of vegetation will be timed for outside of the bird nesting season (March to August inclusive) to prevent disturbance of breeding birds. If this is not possible, a check for active nests will first be undertaken by an ecologist. If a nest is found, an appropriate buffer will be left undisturbed until any chicks have fledged, as confirmed by an ecologist.

Existing & Proposed Hedgerows

2. Hedgerows shall be pruned on one side per year alternating on a 2 or 3 year rotation in February, aiming to maintain a minimum height of 2.5 - 3m to promote bushy growth while providing continued habitat and foraging opportunities for wildlife. Hedgerow trees shall be retained and encouraged to develop to full maturity where not likely to cause overshadowing of panels.

Scrub & Brook Corridor

3. Areas to be thinned and trimmed to a height of between 1 and 3 meters on a 3 year rotational basis.

Woodland

4. Re-mulch planting area during years 1-3 to minimise competition from weeds and grasses.

Wildflower Meadow Grassland

5. EM2 and EM3 to be established and maintained as follows:
 - In the first year, cut in early August. Arisings should be removed from site. The meadow can then be cut relatively frequently through the remainder of the growing season to 50mm.
 - In subsequent years EM2 and EM3 should be cut in early spring (March) and then again in late August/early September, with a 'hay cut'. They hay should be left to dry and shed seed for 1-7 days and then removed from site. The meadow should then be mowed through autumn and winter to 50mm.
 - The spring cut will help to manage the height of the meadow, especially within inner sections of fields to prevent shading and to provide access. Cutting in the summer (between the spring cut and the hay cut) should not be permitted, as this will prevent the meadow from flowering and setting seed.
 - Competitive weeds should be dug out or removed using spot treatment twice annually.
6. EM10 to be established and maintained as follows:
 - In the first year, EM10 should be cut in early August, with risings being removed from the site following the cut. Perennial weeds, such as docks and brambles, should be dug out/spot treated using a suitable non-residual herbicide. The tussocky grassland can then be maintained at 50mm until March the following year.
 - EM10 should then be cut on a rotational basis every 2-3 years between October and February.
7. Semi-improved grass field margins to be retained where possible
8. Proposed planting of field margins, in areas indicated on a rotation, with wild bird seed mix and some biennial plants such as kale and stubble turnips, to provide a continual seed resource.

General

9. All areas of planting and grass shall be maintained, to include:
 - Ample irrigation
 - Weed control (herbicide application or hand weeding)
 - Litter picking
 - Topping up of mulch
 - Checking condition of tree stakes and ties
11. All stakes and ties shall be inspected during the growing season and adjusted as necessary to ensure that they are secure and firm and that the ties are not chaffing the stem of the trees. Stakes and ties shall be removed and disposed of when plants become self supporting or at the end of the year 5 establishment period.
12. Planting which fails to thrive or dies during the 5-year establishment period shall be replaced within the next suitable planting season.

PLANTING NOTES

General

1. Plant material to conform to the National Plant Specification. Plant handling and planting operations to be in accordance with HTA 'Handling and Establishing Landscape Plants', Parts I-III.
2. Imported topsoil (if required) to BS 3882 Low Fertility Grade and from an approved source. Existing topsoil shall have a maximum 35% clay content and minimum 5% organic content, pH 5.5-8.5 and be free of perennial weeds, weed seeds and contamination. Maximum stone content 20% (>20mm particle size), maximum size of stones 50mm in any direction. Existing topsoil to be ameliorated and/or screened if necessary to achieve this specification.
3. Soil conditioner: Sanitized and stabilised compost to BST PAS 100. Apply 75mm depth even coverage and incorporate into topsoil during cultivation operations, to a minimum depth of 150mm. Compost to be Compost Association certified, or conforming to the specification from an approved supplier.
4. Mulch planting beds with matured coniferous bark, with an even particle size between 5-35mm, to 75mm minimum depth over weed-free soil after completion of planting and watering operations.

Existing Field Margins

5. Retained grassland - any bare patches arising from installation works to be seeded with an agricultural grassland seed mix.

Hedgerows

6. For existing hedgerows, plant bare root transplants at 0.5m centres on the back of the existing hedgerows and fill any gaps larger than 0.5m. Hand dig with care in proximity to existing hedgerows and do not sever any roots larger than 2.5cm in diameter.
7. Transplants to be notch planted, ensuring the original root collar is at ground level after backfilling and firming in.
8. Hedgerow plants to be installed with rabbit protection, as follows:
 - Transplants, cuttings and seedlings: Biodegradable tube guards 0.6m high x 50mm diameter or greater to suit girth of shrub/tree, supported by 900mm bamboo cane inserted 300mm below ground level.

Ensure protection methods do not restrict natural movement or growth.

Tree and Scrub Planting

9. Plants to be installed with rabbit protection, in the same method as hedgerow plants.
10. Notch plant bare root transplants in rows on a 1.0m grid. Hand dig with care in proximity to existing trees and do not sever any roots larger than 2.5cm in diameter.

Wildflower Meadow Grassland

11. Existing arable land to be harrowed in areas indicated for meadow grassland. Do not cultivate within tree root protection areas or within the existing hedgerow but cut manually to 30-50mm during autumn preceding and following seeding. Sow meadow grassland seed mixes into newly harrowed soil in areas indicated, in accordance with supplier's recommendations, in autumn to reduce competition.
11. All meadows to be sown with a nurse of cornfield annuals.
12. Extra attention is required in terms of seed bed preparation to encourage good establishment and to cultivate when soil moisture allows breakdown of the soil aggregates into a medium tilth.

Planting seasons

13. Deciduous trees and shrubs: Late October to late March
14. Conifers and evergreens: September/October or April/May
15. Grass seedling: August/September

The scaling of this drawing cannot be assured				
Revision	Date	Drm	Ckd	MF
L	Addition of Cable Route and Duct	26.02.25	ML	MF

LEGEND

- Site Boundary
- Huntingdonshire District Council / South Cambridge District Council Boundary
- Existing Woodlands, Copses and Tree Belts
- Existing Water Courses and Features
- Existing Public Right of Way
- Proposed Woodland Planting
10m width at southern / south-western boundary
5m near PROW 8
- Existing Hedgerow to be Retained and gapped up
(to a minimum height of 2.5 - 3m)
- Proposed Hedgerow
(to a minimum height of 2.5 - 3m)
- Proposed Hedgerow Tree
- Proposed Wildflower Meadow Tussock Mixture Emorsgate EM10
(to be cut every 3 years)
- Proposed Special General Purpose Meadow Mixture Emorsgate EM3
(to be cut annually or more frequently to prevent shading as required)
- Proposed Standard General Purpose Meadow Mixture Emorsgate EM2, Existing field margins to be retained where possible
(to be cut annually)
- Proposed Field Margin Planting Zones
To be planted with FS10/FCB 1 Year Wild Bird Seed Mix - Finch and Corn Bunting (AB9), or similar, with additional bennial plants
- Existing Overhead Power Line with 30m Easement
- Proposed 3.5m Closed Board Fencing
- Proposed Security Fencing
- Proposed Security Fencing with Screening Mesh
- Proposed Solar Panels
- Proposed Firewater Storage Tank
- Proposed Cable Route
- Proposed Cable Duct under Highway
- A428 Road Improvements Proposed Landscaping
- Proposed Native Woodland
- Proposed Linear Belt of Shrubs and Trees
- Proposed Native Species Hedgerow

FIGURE 8a

Project
North Weald Solar

Drawing Title
Landscape Strategy Plan

Date 26.01.2024	Scale 1:5,000 @A1 1:10,000 @A3	Drawn by ML/CK	Check by MF
Project No 34381	Drawing No LN-LP-09	Revision L	

Stantec UK Limited
7 Soho Square
London
W1D 3QB
T: 020 7446 6888

