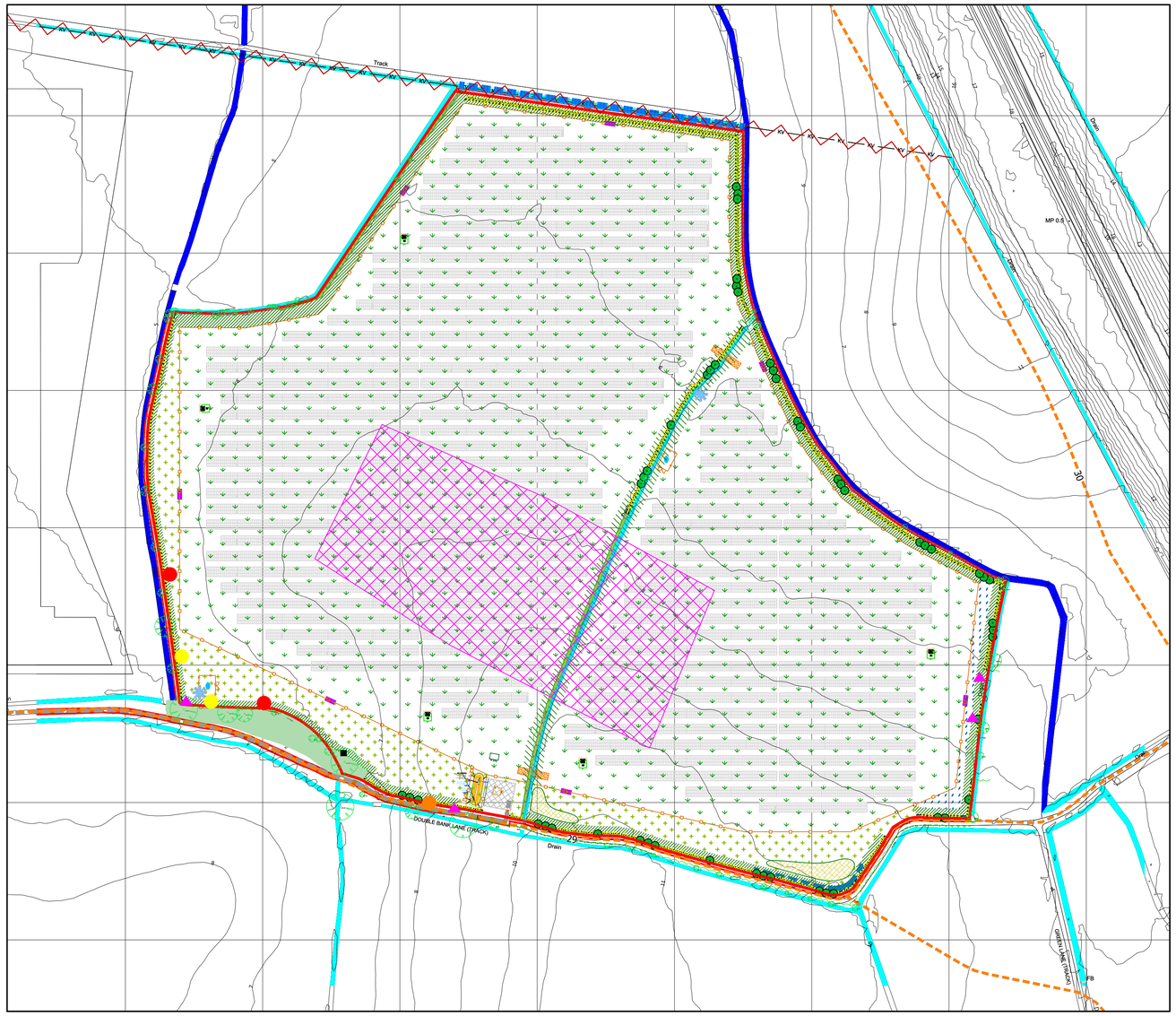


Hedgerow Trees

Abbrev	Species Name	Common Name	Height	General Specification	Quantity
Qr ro	Quercus robur	English Oak	250-300cm	2x; Light Standard; clear stem 150-175cm; 3 brks; B	51

Hedgerow Mix (plant in a double-staggered row, at 5 plants per m. In single species groups of 5-7 plants)

Abbrev	Species Name	Common Name	Height	General Specification	Percentage	Quantity
Cr mo	Crataegus monogyna	Common Hawthorn	80-100cm	1+2: Transplant - seed raised: 4 brks: B	40%	3757
Eu eu	Euonymus europaeus	Common Spindle Tree	40-60cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5%	470
Li vu	Ligustrum vulgare	Common Privet	40-60cm	1+1: Transplant - seed raised: Branched: 2 brks: B	5%	470
Pr sp	Prunus spinosa	Blackthorn	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	30%	2818
Rh ca	Rhamnus catharica	Common Blackthorn	60-80cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5%	470
Ro ca	Rosa canina	Dog rose	60-80cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5%	470
Sa ni	Sambucus nigra	Common Elder	80-100cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5%	470
Vi la	Viburnum lantana	Wayfaring Tree	40-60cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5%	470

Scrub Mix (plant at 1 plant/m² in single species groups of 5-7 plants)

Abbrev	Species Name	Common Name	Height	General Specification	Percentage	Quantity
Ac ca	Acer campestre	Common Maple	80-100cm	1+1: Transplant - seed raised: B	10%	99
Co sa	Cornus sanguinea	Common Dogwood	60-80cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10%	99
Cr mo	Crataegus monogyna	Common Hawthorn	80-100cm	1+2: Transplant - seed raised: B	10%	99
Eu eu	Euonymus europaeus	Common Spindle Tree	40-60cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10%	99
Li vu	Ligustrum vulgare	Common Privet	60-80cm	0/2; Cutting; branched; 3 breaks	10%	99
Ma sy	Malus sylvestris	Common Crab Apple	60-80cm	1+1: Transplant - seed raised: B	10%	99
Pr ce	Prunus cerasifera	Cherry Plum	60-80cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10%	99
Rh ca	Rhamnus catharica	Common Blackthorn	60-80cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10%	99
Sa ni	Sambucus nigra	Common Elder	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	10%	99
Vi la	Viburnum lantana	Wayfaring Tree	40-60cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10%	99

Ecology Proposals

- 3S Schwegler Starling Bird Box
- 2M Schwegler (26mm hole) Bird Box
- 2M Schwegler (32mm hole) Bird Box
- IFF Schwegler Bat Box
- Barn Owl

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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 BSI 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.

Wildflower Meadow Grassland

5. 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.
6. 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.

Hedgerows

7. Prepare a 0.5m wide x 0.3m deep weed-free trench (or larger if necessary, in order to take the full spread of the roots); the sides and bottom of the trench will be forked over and 'ripped' to facilitate proper drainage, prior to back-filling. The trench to be excavated on the same day as planting and to be back-filled with an appropriate excavated topsoil/ compost mix. Compost will only be used if necessary; should compost be deemed necessary, it to be Compost Association certified, or obtained from a supplier conforming to this specification. Hedgerow to be cultivated by hand only in proximity to existing trees/hedgerow. No herbicide.
8. For existing hedgerows, plant bare root transplants and container-grown shrubs 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.
9. For new hedgerows, plant shrubs at 0.5m centres in double staggered rows.
10. Transplants to be notch planted and container-grown shrubs to be pit planted (in pits 150mm wider than root spread) ensuring the original root collar is at ground level after backfilling and firming in.
11. Hedgerow plants to be installed with rabbit protection, as follows:
- Transplants, cuttings and seedlings: PP photodegradable 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.
- Container-grown shrubs: recycled HDPE photodegradable mesh guards 0.6m high x 150-180mm diameter or greater to suit diameter of shrub, supported by 900mm timber stake inserted 300mm below ground level.
Ensure protection methods do not restrict natural movement or growth.

Tree and Scrub Planting

12. Plants to be installed with rabbit protection, in the same method as hedgerow plants.
13. Notch plant bare root transplants in rows on a 2.0m grid. Hand dig with care in proximity to existing trees and do not sever any roots larger than 2.5cm in diameter.

Planting seasons

14. Planting seasons:
- Deciduous trees and shrubs: Late October to late March
- Conifers and evergreens: September/October or April/May
- Container grown plants: At any time if ground and weather conditions are favourable
- Grass seeding: August/September

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 overshading of panels.

Scrub

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

Wildflower Meadow Grassland

4. Meadow grassland within the inner section of the fields (under and around the solar arrays) to be cut as frequently as is required to prevent shading and to provide access.
5. Areas away from the panels and outside proposed fencing to be cut bi-annually, (in April and September), once established. The arisings will be removed and placed in several mounds on-site.
6. Unwanted perennial weeds (eg. ragwort, docks, thistles) may be controlled by 'spot treatment' using a suitable non-residual herbicide.

General

7. 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

8. 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 5 year establishment period.

9. Planting which fails to thrive or dies during the 5-year establishment period shall be replaced within the next suitable planting season.

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 2.5 - 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.

Existing Grass

4. Existing grass along ditch to be subject to a low intensity management regime, cut only when required to maintain free flow and functionality of the ditch.

Wildflower Meadow Grassland

5. Meadow grassland within the inner section of the fields (under and around the solar arrays) to be cut as frequently as is required to prevent shading and to provide access.
6. Areas away from the panels and outside proposed fencing to be cut bi-annually, (in April and September), once established. The arisings will be removed and placed in several mounds on-site.

Scrub & Brook Corridor

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

General

8. 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.

The scaling of this drawing cannot be assured

Revision		Date	Drn	Ckd
I	Updates to Drainage Layout	18.11.24	EJ	MF

LEGEND

N

- Site Boundary
- Existing Surveyed Trees and Vegetation
- Existing Water Courses and Features ^
- Contours/Spot Heights (Metres AOD) ^
- Existing Grass to be Retained
- Existing Bank-side Vegetation to be Retained
- Existing Hedgerow to be Maintained and Reinforced with Specimen Trees (to a minimum height of 2.5 - 3m)
- Proposed Hedgerow and Existing Hedgerow to be Gapped Up (and managed to a minimum height of 2.5 - 3m)
- Proposed Native Scrub Planting
- Proposed Old Fashioned Grazing Mix Emorsgte EG26 within proposed perimeter fence to be Established as Grazing Pasture or mown on a regular basis
- Proposed Tussock Grass Mixture Emorsgate EM10
- Proposed Grass and Wild Pollen and Nectar Flowers Mixture Emorsgate ESG2 & ESF2 (90% ESG2 / 10% ESF2; to be cut annually)
- Existing Overhead Cable
- Proposed Security Fence
- Proposed Access Route
- Proposed Solar Panels
- Proposed New Pond Planted with Wildflower Meadow Mix for Wetlands Emorsgate EM8, Approximately 5m x 3m x 1.5m deeep
- Proposed New Ditch / Existing Ditch to be Deepened, approximately 1m wide, 0.6m deep
- Area to be Ballasted
- Hardstanding Area
- Access Crossing
- Badger Gaps
- Swale

FIGURE 7

Project
Wood Walton Solar Farm
Cambridgeshire

Drawing Title
Landscape Strategy Plan

Date	Scale	Drawn by	Check by
26.07.2024	1:2,500 @A1 1:5,000 @A3	ML	MF
Project No	**Drawing No**		**Revision**
32555	LN-LP-07		I

0 20 40 60 80 100m

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