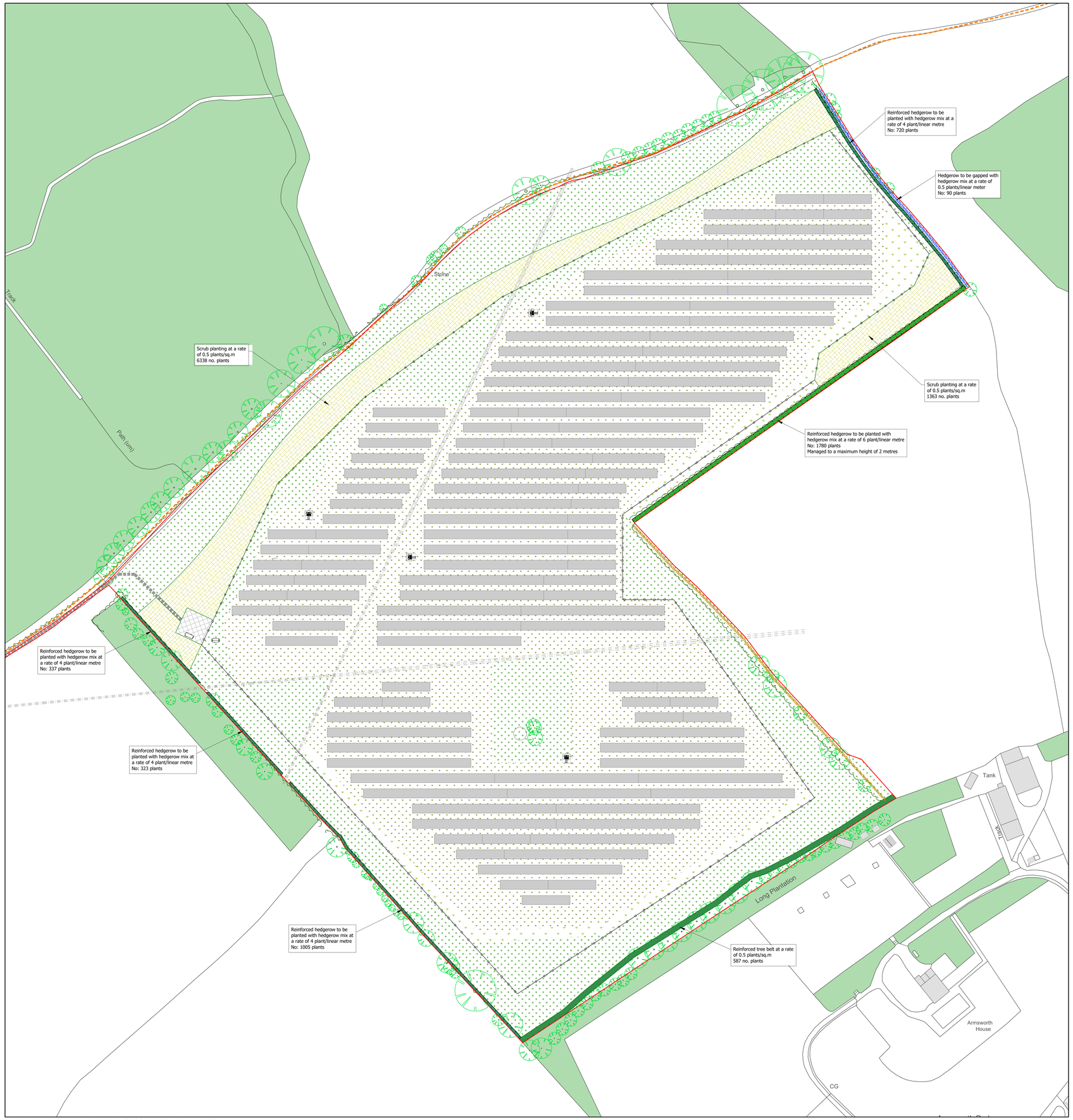


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PLANTING NOTES

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.

Hedgerows

5. 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.
6. 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.
7. For new hedgerows, plant shrubs at 0.5m centres in double staggered rows.
8. 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.
9. 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.

Scrub Planting

12. Woodland 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.

Wildflower Meadow Grassland

14. 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.
15. 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

16. 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 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.

Woodland

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

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; areas away from the solar panels to be cut annually, in September, once established; and the boundaries of the field to be cut on a rotational three-year cycle, once established.
5. Areas outside proposed fencing to be cut on a 3 year rotation.
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

7. 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.

8. 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.

Wildflower Meadow Grassland

4. 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, in September; and the boundaries of the field to be cut on a rotational three-year cycle.

Scrub

5. All scrub planting to be thinned on a two year rotational cycle to promote new growth. Height of planting to be reduced to a minimum of 2m where necessary to prevent overshading of panels and maintain open views from the Three Castles Path.

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.

Hedgerow Mix (plant in a double-staggered row, at 0.5m centres in single species groups of 3-7 plants)

Abbrev	Species Name	Common Name	Height	General Specification	Percentage	Quantity
Co av	Corylus avellana	Common Hazel	80-100cm	1+2: Transplant - seed raised: Branched: 4 brks: B	20%	860
Cr mo	Crataegus monogyna	Common Hawthorn	80-100cm	1+2: Transplant - seed raised: 4 brks: B	35%	1490
Il aq	Ilex aquifolium	Common Holly	40-60cm	Leader with Laterals: 2L	10%	426
Pr sp	Prunus spinosa	Blackthorn	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	25%	1063
Sa ni	Sambucus nigra	Common Elder	80-100cm	1+1: Transplant - seed raised: Branched: 3 brks: B	5%	213
So au	Sorbus aucuparia	Rowan	80-100cm	1+1: Transplant - seed raised: B	5%	213

Reinforced Tree Belt Mix (plant at 0.5 plants/m2 in single species groups of 3-5 plants)

Abbrev	Species Name	Common Name	Height	General Specification	Percentage	Quantity
Co av	Corylus avellana	Common Hazel	80-100cm	1+2: Transplant - seed raised: Branched: 4 brks: B	10%	98
Cr mo	Crataegus monogyna	Common Hawthorn	80-100cm	1+2: Transplant - seed raised: 4 brks: B	10%	65
Il aq	Ilex aquifolium	Common Holly	40-60cm	Leader with Laterals: 2L	20%	131
Li vu	Ligustrum vulgare	Common Privet	60-80cm	0/2; Cutting; branched; 3 breaks	20%	131
Pr sp	Prunus spinosa	Blackthorn	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	10%	65
Sa ni	Sambucus nigra	Common Elder	80-100cm	1+1: Transplant - seed raised: Branched: 3 brks: B	10%	65
So au	Sorbus aucuparia	Rowan	80-100cm	1+1: Transplant - seed raised: B	10%	65

Scrub Mix (plant at 0.5 plants/m2 in single species groups of 3-5 plants)

Abbrev	Species Name	Common Name	Height	General Specification	Percentage	Quantity
Co sa	Cornus sanguinea	Common Dogwood	60-80cm	1+1: Transplant - seed raised: Branched: 3 brks: B	15%	1156
Co av	Corylus avellana	Common Hazel	80-100cm	1+2: Transplant - seed raised: Branched: 4 brks: B	10%	770
Cr mo	Crataegus monogyna	Common Hawthorn	80-100cm	1+2: Transplant - seed raised: B	20%	1540
Il aq	Ilex aquifolium	Common Holly	40-60cm	Leader with Laterals: 2L	10%	770
Li vu	Ligustrum vulgare	Common Privet	60-80cm	0/2; Cutting; branched; 3 breaks	5%	385
Pr sp	Prunus spinosa	Blackthorn	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	25%	1925
Sa ni	Sambucus nigra	Common Elder	80-100cm	1+2: Transplant - seed raised: Branched: 3 brks: B	10%	770
Vi op	Viburnum opulus	Guelder Rose	60-80cm	1+2: Transplant - seed raised: Branched: 4 brks: B	5%	385

The scaling of this drawing cannot be assured

Revision	Date	Drn	Ckd
-	-	-	-

LEGEND

- Site Boundary
- Existing Public Right of Way
- Existing Surveyed Trees and Vegetation
- Existing Water Courses and Features
- Proposed Scrub Planting
- Existing Hedgerow to be Gapped Up (and managed to a minimum height of 2.5 - 3m)
- Existing Hedgerow to be Maintained (to a minimum height of 2.5 - 3m)
- Proposed Hedgerow Planting (and managed to a minimum height of 2m)
- Proposed Reinforced Hedgerow Planting
- Proposed Reinforced Tree Belt Planting
- Proposed Wildflower Meadow Tussock Mixture Emorsgate EM10 (to be cut every 3 years)
- Proposed General-purpose Meadow Mixture Emorsgate EM1 (to be cut annually)
- Proposed Wildflower Meadow Hedgerow Mixture Emorsgate EH1 (to be cut frequently to allow access and prevent shading)
- Existing Overhead Cable
- Proposed Security Fence
- Proposed Access Route
- Proposed Solar Panels

N

FIGURE 7

Project
Land at Godsfield Farm, Winchester

Drawing Title
Landscape Strategy Plan

Date	Scale	Drawn by	Check by
17.12.2020	1:1,000 @A0	GS	JM

Project No	Drawing No	Revision
32158	LN-LP-07	-

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