PLANTING SPECIFICATION

These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

**1. GENERAL**

1.1. All landscape operatives will be appropriately trained, certified and qualified to undertake the tasks required. When required, the relevant certificates will be made available for inspection. All work is to be carried out in accordance with the relevant British Standards, Codes of Practice and Legislation.

1.2. All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.

1.3. Planting shall not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds. All bareroot planting stock will be kept covered until actually planted in order to minimise water-loss and prevent the roots from drying out. Tree handling, storage and planting shall be in accordance with BS 8545 Chapters 9 to10 and Annexes E to F.

1.4. The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

1.5. A minimum intervention approach will be used in terms of weed control. In areas of transplant tree/shrub or ornamental shrub planting this is to be achieved by using mulch mats and hand-weeding. Weed killer and other chemicals will be used as little as possible on site. Spot removal of weeds will be carried out by hand removal as necessary.

**2. TREE PLANTING**

2.1. Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.

Tree pits to the specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing All container grown and trees over heavy standard size shall be double staked.Stakes should be driven 300mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc

**3. NATIVE HEDGEROW & SUPPLEMENTARY INFILL PLANTING**

Ground Preparation

3.1. Where necessary existing weeds will be treated with a glyphosate-based herbicide and a suitable period allowed to elapse, as recommended by the manufacturer, for the herbicide to take effect. All extraneous matter such as plastic, wood, metal and stones greater than 50mm diameter will be removed from site to a registered waste disposal facility. Cut existing rough grass and weeds to between 20mm and 30mm and remove 300x300mm squares of turf at planting density as per planting schedule.

Planting

3.2. The minimum overall recommended rooting depth for shrubs is 600mm. The first 300mm shall be made up of multi-purpose topsoil; it shall be ensured that a suitable subsoil provides the remainder of the minimum rooting depth. Before receiving topsoil, subsoils should be loosened using ripping equipment; this shall be done when the subsoil is dry to encourage soil shattering. All stones and other objects larger than 50 mm shall be removed from the prepared surface.

3.3. Planting is to be as per the planting pattern as set out on the planting plan and planting schedule, with shrubs planted at even spaces into the prepared soil at the specified number per metre squared, with minimal disturbance to the rootball, and well firmed in.

3.4. All bare-root planting stock will be protected from rabbit damage using approved proprietary 0.6m (for shrub species) or 1.2m (for tree species) plastic shrub/tree guards, supported with 0.9m (or 1.35m for trees) x 32mm x 32mm softwood stakes as advised by the manufacturer

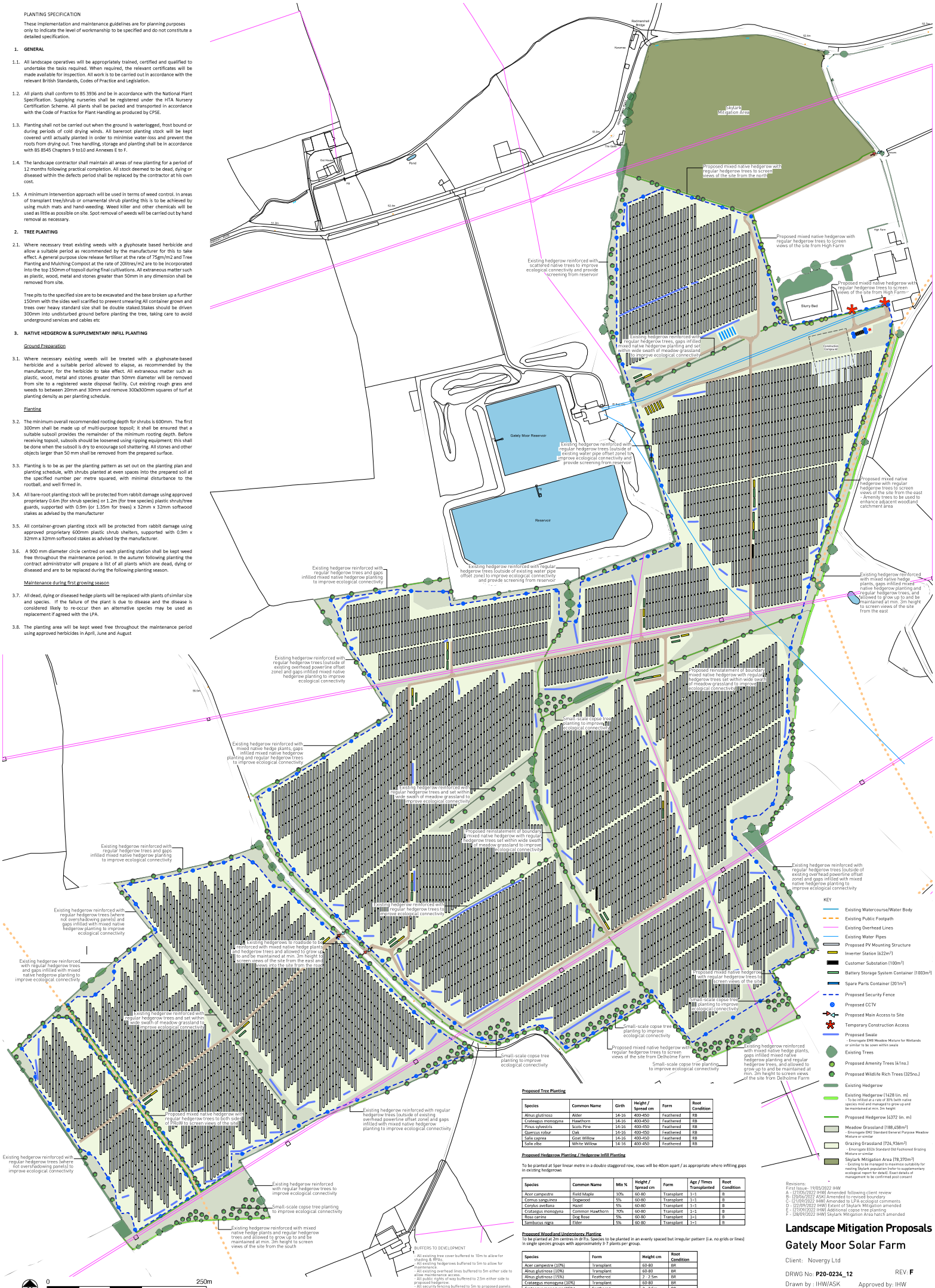
3.5. All container-grown planting stock will be protected from rabbit damage using approved proprietary 600mm plastic shrub shelters, supported with 0.9m x 32mm x 32mm softwood stakes as advised by the manufacturer.

3.6. A 900 mm diameter circle centred on each planting station shall be kept weed free throughout the maintenance period. In the autumn following planting the contract administrator will prepare a list of all plants which are dead, dying or diseased and are to be replaced during the following planting season.

Maintenance during first growing season

3.7. All dead, dying or diseased hedge plants will be replaced with plants of similar size and species. If the failure of the plant is due to disease and the disease is considered likely to re-occur then an alternative species may be used as replacement if agreed with the LPA.

3.8. The planting area will be kept weed free throughout the maintenance period using approved herbicides in April, June and August




**Proposed Tree Planting**

| Species | Common Name | Girth | Height / Spread cm | Form | Root Condition |
|---|---|---|---|---|---|
| Alnus glutinosa | Alder | 14-16 | 400-450 | Feathered | RB |
| Crataegus monogyna | Hawthorn | 14-16 | 400-450 | Feathered | RB |
| Pinus sylvestris | Scots Pine | 14-16 | 400-450 | Feathered | RB |
| Quercus robur | Oak | 14-16 | 400-450 | Feathered | RB |
| Salix caprea | Goat Willow | 14-16 | 400-450 | Feathered | RB |
| Salix alba | White Willow | 14-16 | 400-450 | Feathered | RB |

**Proposed Hedgerow Planting / Hedgerow Infill Planting**

To be planted at 5per linear metre in a double staggered row, rows will be 40cm apart / as appropriate where infilling gaps in existing hedgerows

| Species | Common Name | Mix % | Height / Spread cm | Form | Age / Times Transplanted | Root Condition |
|---|---|---|---|---|---|---|
| Acer campestre | Field Maple | 10% | 60-80 | Transplant | 1+1 | B |
| Cornus sanguinea | Dogwood | 5% | 60-80 | Transplant | 1+1 | B |
| Corylus avellana | Hazel | 5% | 60-80 | Transplant | 1+1 | B |
| Crataegus monogyna | Common Hawthorn | 70% | 60-80 | Transplant | 1+1 | B |
| Rosa canina | Dog Rose | 5% | 60-80 | Transplant | 1+1 | B |
| Sambucus nigra | Elder | 5% | 60-80 | Transplant | 1+1 | B |

**Proposed Woodland Understorey Planting**

To be planted at 2m centres in drifts. Species to be planted in an evenly spaced but irregular pattern (i.e. no grids or lines) in single species groups with approximately 3-7 plants per group.

| Species | Form | Height cm | Root Condition |
|---|---|---|---|
| Acer campestre (10%) | Transplant | 60-80 | BR |
| Alnus glutinosa (10%) | Transplant | 60-80 | BR |
| Alnus glutinosa (15%) | Feathered | 2 - 2.5m | BR |
| Crataegus monogyna (10%) | Transplant | 60-80 | BR |
| Crataegus monogyna (15%) | Feathered | 2 - 2.5m | BR |
| Corylus avellana (20%) | Transplant | 60-80 | BR |
| Ilex aquifolium (10%) | Transplant | 80-100 | BR |
| Salix caprea (10%) | Transplant | 60-80 | BR |

BUFFERS TO DEVELOPMENT

- All existing tree cover buffered to 10m to allow for shading & RPAs.
- All existing hedgerows buffered to 5m to allow for maintenance.
- All existing overhead lines buffered to 5m either side to allow maintenance access.
- All public rights of way buffered to 2.5m either side to proposed hedgerow.
- All security fencing buffered to 5m to proposed panels.
- All water pipes buffered to 3m either side.

Revisions
First Issue - 19/05/2022 IHW
A - (27/05/2022 IHW) Amended following client review
B - (20/06/2022 ASK) Amended to revised boundary
C - (21/09/2022 IHW) Amended to LPA ecologist comments
D - (22/09/2022 IHW) Extent of Skylark Mitigation amended
E - (27/09/2022 IHW) Additional copse tree planting
F - (28/09/2022 IHW) Skylark Mitigation Area hatch amended

# Landscape Mitigation Proposals

## Gately Moor Solar Farm

Client: Novergy Ltd

DRWG No: **P20-0234_12** REV: **F**

Drawn by : IHW/ASK Approved by: IHW

Date: 28/09/2022

Scale: 1:2500 @ A1

Pegasus Environment

DESIGN | ENVIRONMENT | PLANNING | ECONOMICS | HERITAGE

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