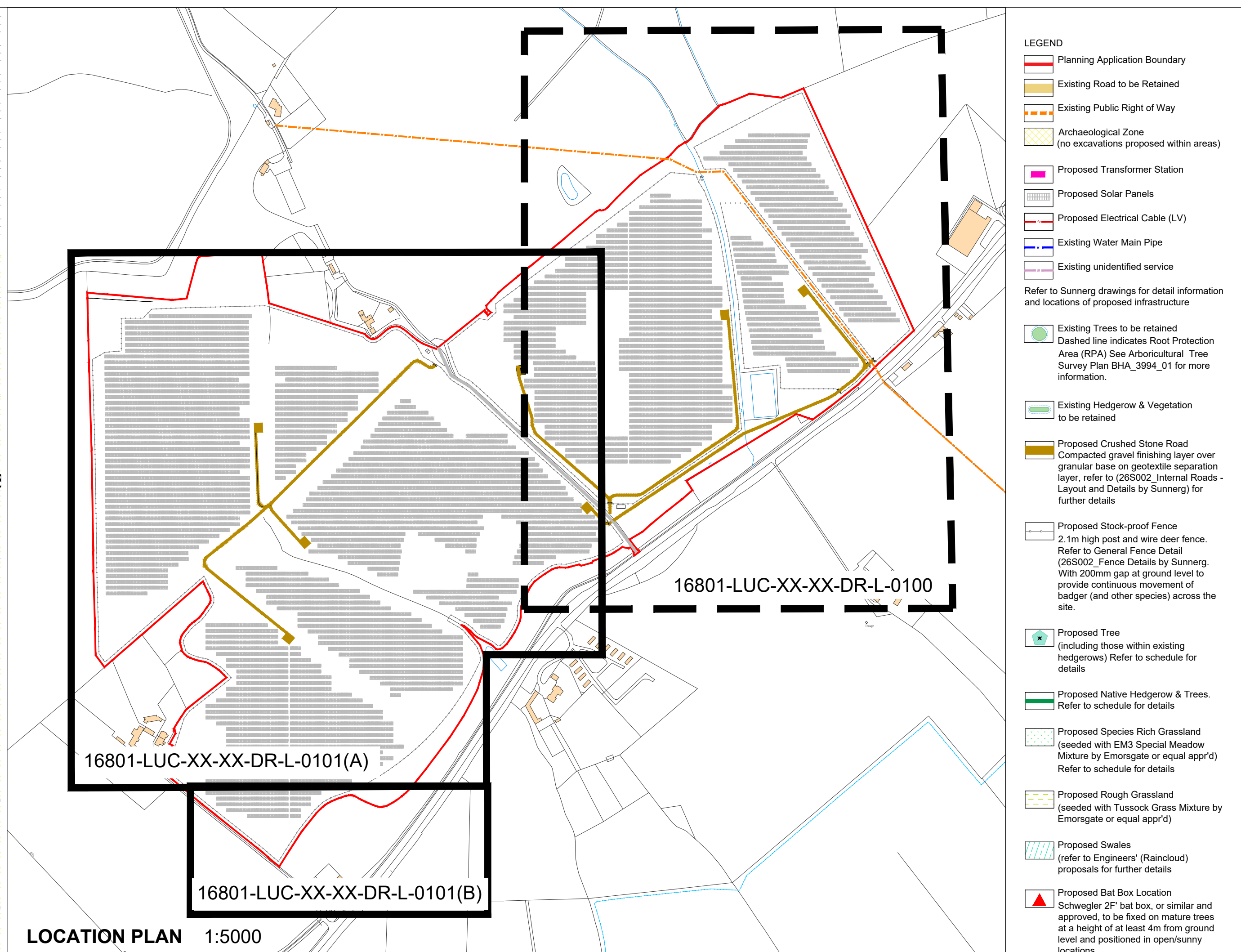
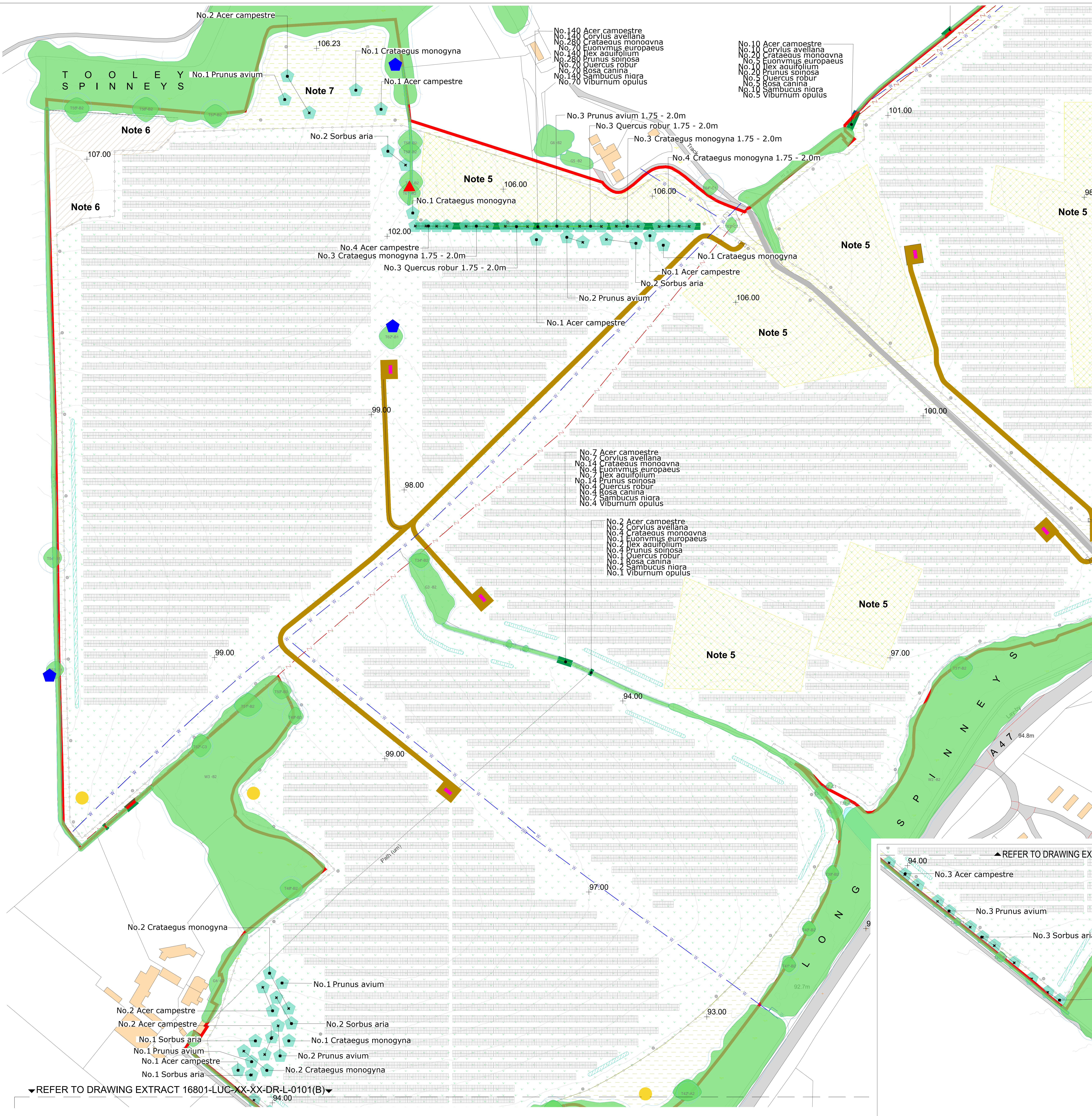




LANDSCAPE MANAGEMENT STRATEGY

MANAGEMENT OF EXISTING VEGETATION

- Existing hedgerow vegetation to be trimmed when needed approximately every 2-3 years avoiding the bird nesting season (March to July), in the winter months (between September and February inclusive), staggered across the site thereby retaining and encouraging flowerfruit for wildlife;
- Only one third of hedgerows on site to be cut in any one year so that at least some heavily fruiting hedgerows are always present;
- Approximately one third of hedgerows on site will be cut on rotation so as to avoid shadowing;
- The previous hedgerows seasons growth cut back by one third, or more if required to maintain a maximum height of 3.0m for both the internal and boundary hedges;
- Mature trees on the boundary of the site are to be retained. Annual inspection of mature trees undertaken to remove any dead or dying branches (which may impact on safety and the viability of the solar development). No removal of trees/tree branches to take place without an appropriate ecological survey to ascertain any breeding bird or bat presence;
- Any new tree or hedgerow plants which, within a period of five years from the completion of the planting, die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and species; and
- Any existing hedgerow that is removed, uprooted, severely damaged, destroyed or dies throughout the duration of the operation of the solar farm, will be replaced in the next planting season with others of similar size and species and be maintained thereafter.

MANAGEMENT OF NEW NATIVE TREE PLANTING

General

- Ensure that all new trees are firmly bedded in the ground after strong winds and frosts or other disturbances. Regularly inspect all new tree planting e.g. once a month, for the first five years (after which they will be fully established) for any pest damage or vandalism/damage caused by others and to maintain all planted areas in a weed free and litter free condition;
- Prune out any damaged, dead or dying branches and suckers to promote healthy growth and shape;
- Check s guards, stakes and ties of the trees and adjust if necessary in summer and winter. Remove stakes when no longer required, i.e. after 3 years;
- Weed free ring (1 m diameter) to be maintained around each tree for three years after planting (either with herbicide or hand weeding);
- Weeds growing within shelters will be cleared by hand in April, July and September (as appropriate);
- If excessive growth occurs between planting stations it may be necessary to trim or mow between plants;
- Any tree which forms part of the approved landscaping scheme that fails to become established, becomes seriously damaged or diseased, dies or for any reason or is removed, will be replaced in the next planting season with others of similar size and same species;
- Regularly inspect all new trees e.g. once a month, for the first five years (after which they will be fully established) for any pest damage or vandalism/damage caused by others and to maintain all planted areas in a weed free and litter free condition; and
- All new planting to be maintained for 40 year operational period (or for the life of the proposed solar farm).

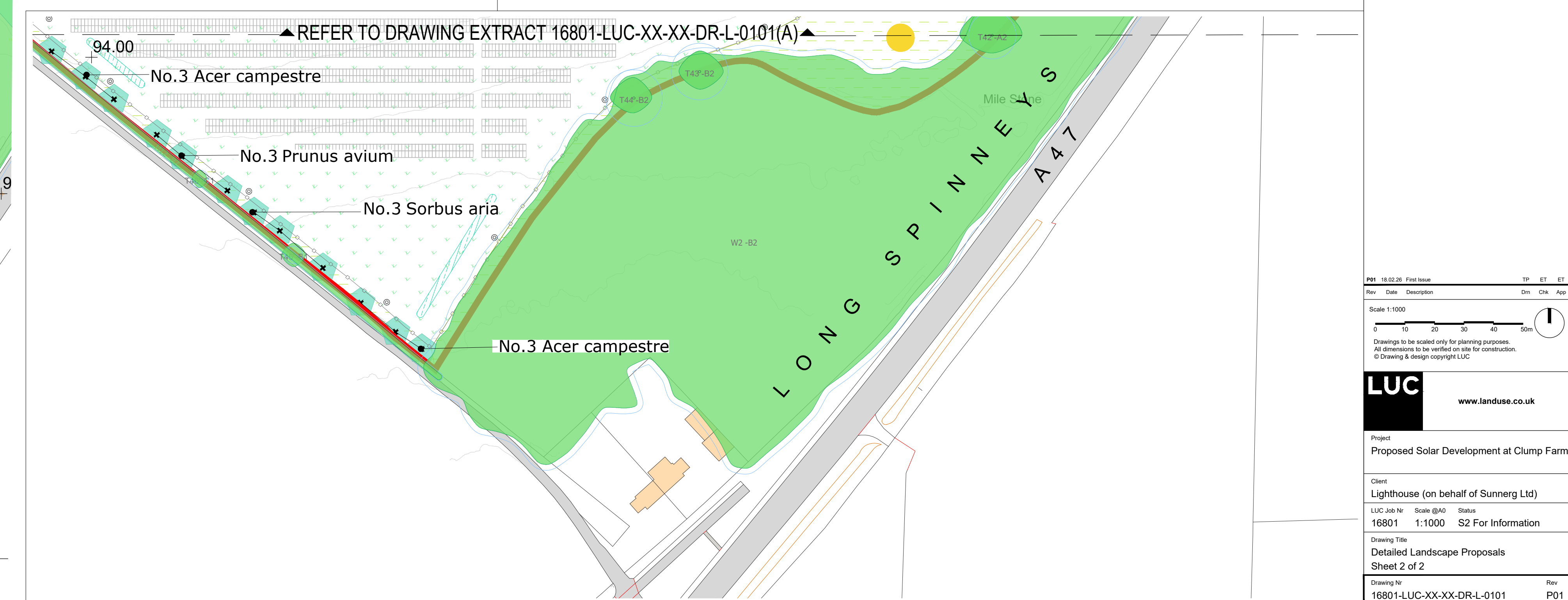
MANAGEMENT OF NEW SPECIES-RICH NATIVE HEDGEROW AND HEDGEROW INFILL PLANTING

- Ensure that all new planting is firmly bedded in the ground after strong winds and frosts or other disturbances;
- Regularly inspect all new shrub planting e.g. once a month, for the first year, for any pest damage or vandalism/damage caused by others and to maintain all planted areas in a weed free and litter free condition;
- Prune out any damaged, dead or dying branches and suckers to promote healthy growth and shape;
- Weed control measures to continue until canopy of plants is closed (either with herbicide or hand weeding);
- Check guards and protectors and replace/remove when required;
- New species-rich native hedgerows and areas of infill planting to have the side branches of the transplants trimmed by half in the spring after the first growing season and then cut lightly in year 3, (between September and February inclusive), avoiding the bird nesting season (March to July), but also retaining fruit during the winter months for wildlife, until the desired height of the hedgerow is reached. Leader stems should not be cut until the desired height of the hedgerow is reached; and
- After 5 years approximately - the previous seasons growth to be cut back by one-third, or more if required, to maintain a minimum height of 3m. Subsequently, to be trimmed when needed in winter avoiding the bird nesting season, approximately every 2-3 years, staggered across the site thereby retaining and encouraging flowerfruit during winter months for wildlife; and
- All new planting to be maintained for 40 year operational period (or for the life of the proposed solar farm).

MANAGEMENT OF GRASSED AREAS

- Following the first seeding, there may be a flush of annual weeds in the spring. This weed growth will be controlled by topping at the end of the first summer in the first year (hay-cut in late July/mid-August);
- In all general areas within the security fence the Special General Purpose Meadow Mixture EM3 will be maintained by a traditional meadow management regime based on 2 cuts per year (a summer hay cut and a later Autumn cut);
- The rough grassland buffers/biodiversity corridors on the margins of the site (between the security fence and site boundary) will be allowed to develop through a sympathetic mowing regime only cut every 2-3 years). This will allow tussocks and tufts to develop; and
- Both grass types will provide suitable habitat for nesting bumble bees and ground nesting birds, through the summer and invertebrate habitat through the winter. This will also be beneficial to local bird and bat populations. The wild flower margins will be retained uncut between 1st April and 1st September, to allow flowers and grasses to flower and set seed and if undesirable plants set seed spot treatment may be required.

REFER TO DETAIL LANDSCAPE PROPOSALS SHEET 1 OF 2 16801-LUC-XX-XX-DR-L-0100 FOR LANDSCAPE PROPOSALS, PLANT SPECIFICATION AND LANDSCAPE DETAILS



LEGEND

- Planning Application Boundary
- Existing Road to be Retained
- Existing Public Right of Way
- Archaeological Zone (no excavations proposed within area)
- Proposed Transformer Station
- Proposed Solar Panels
- Proposed Electrical Cable (LV)
- Existing Water Main Pipe
- Existing unidentified service
- Refer to Sunning drawings for detail information and locations of proposed infrastructure
- Existing Trees to be retained
- Overlaid line indicates Root Protection Area (RPA) See Arboricultural Tree Survey Plan BHA_3994_01 for more information
- Existing Hedgerow & Vegetation to be retained
- Proposed Cracked Stone Road
- Compacted gravel finishing layer over granular base on geotextile-separation layer, refer to (265002 Internal Roads - Layout and Details by Sunning) for further details
- Proposed Stock-proof Fence
- 2.1m high post and wire deer fence. Refer to General Fence Detail (265002 Fence Details by Sunning W16 200mm post at ground level to provide continuous movement of badger (and other species) across the site.
- Proposed Tree
- Including those within existing hedgerows. Refer to schedule for details
- Proposed Native Hedgerow & Trees
- Refer to schedule for details
- Proposed Species Rich Grassland
- (seeded with EMS Special Meadow Mixture by Emengate or equal app'd)
- Refer to schedule for details
- Proposed Rough Grassland
- (seeded with Tussock Grass Mixture by Emengate or equal app'd)
- Proposed Swales
- refer to Engineer (Raincloud) proposals for further details
- Proposed Bat Box Location
- Schwegler 27" bat box, or similar and approved, to be fixed on mature trees at a height of at least 4m from ground level and positioned in open/sunny locations.
- Proposed Bird Box Location
- Also fixed on mature trees, 4m from ground level in open/sunny locations
- Proposed Wildlife refuge piles
- board/togstone piles 2m wide x 2m long

Drawing Notes

- For further details regarding:
 - Site Plan PL proposals (inc. solar panels, associated infrastructure, and underground services) refer to information from Sunning Ltd Energy & Facilities
 - Ecology (including LEAP, CEMAP and Arboriculture (inc. Tree Survey & AIA) refer to information from Barton Hyatt;
 - Drainage (inc. Sub-drainage) refer to information from Raincloud Engineers; and
- It is assumed that existing in-situ soils will be suitable for all new areas of planting including trees, hedges, and meadow. Existing soils to be protected and handled in full accordance with BS 3882 and BS 8001, including stockpiling, decontamination and amelioration. If existing soils are later assessed as being unsuitable for re-use, imported soils may be required. Depths for imported soils: 300mm topsoil; over 600mm subsoil, ensuring formations are thoroughly decontaminated.
- All proposed trees to be supported with single heavy-duty timber stakes, protected by tree guards, with 75mm depth bark mulch to base. Hedgerow plants similarly protected with short vertical stake, guard and mulch to base. Refer to plant detail on drawing 16801-LUC-XX-XX-DR-L-1000 for more information.
- Hedgerow plants to be set-out in random linear groups of 3.5 and 7, formed of double-staggered rows of white plants.
- In archaeological areas, ground levels will remain unaltered and will be over seeded with meadow mix to avoid soil disturbance.
- Fence line has been adjusted to accommodate badger set exclusion zone. No vegetation management works, including new planting or pruning/mowing etc of existing vegetation, within a 10m radius of badger set/entrance (without a licence).
- Trees outside of deer fence boundary to be protected with Wild Mesh Guards refer to detail 16801-LUC-XX-XX-DR-L-1000 for more information.

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Rev: 01
Date: 01/01/2017
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Project:
Proposed Solar Development at Clump Farm

Client:
Lighthouse (on behalf of Sunning Ltd)

LUC Job No:
16801

Scale:
1:1000

Drawn:
CDA

Check:
CDA

Sheet:
2 of 2

Project:
16801-LUC-XX-XX-DR-L-0101

Rev:
001