

LANDSCAPE SPECIFICATION NOTES

OBJECTIVES

The landscape objectives of the scheme are to retain the agricultural use of the Site whilst retaining and enhancing the setting for wildlife conservation, protecting and improving wildlife corridors.

See also the Landscape and Ecology Management Plan (LEMP) (Avian Ecology Limited, 2024).

PROGRAMME

Grass seeding will be carried out between March and June or August and September when ground and climactic conditions are suitable for the sowing and establishment of the sward.

Tree and Shrub planting will be carried out during November avoiding periods of strong wind, waterlogged or frozen ground.

SOILS AND METHOD OF HANDLING

Soils will be handled in suitably dry conditions by reference to their lower plastic limit.

Following installation of the solar panels, the soil surface will be harrowed and rolled, using a tine harrow in order to avoid damaging underground wiring. However, if there are any areas which have suffered high soil compaction, for instance due to heavy machinery being deployed, these will be harrowed using a disc harrow to ensure the soil structure is suitable for subsequent sowing. If such a requirement arises to harrow with discs, caution should be exercised to ensure newly installed underground services are not damaged during harrowing. Stones and other items greater than 50mm in any dimension brought to the surface will be removed.

PLANTING AND SEEDING

WOODLAND

All areas of tree and shrub planting are to be ripped or cultivated as necessary prior to planting.

Trees and shrubs will consist of native deciduous species, as detailed on drawing 3004-01-023.

Tree and shrub planting areas will be planted at 1.5m centres.

Transplants will be planted in groups of 5-15 of each species with groups randomly mixed. Transplants will be pit planted into pits that will accommodate the roots comfortably, with minimum 75mm space outside the extent of the roots. Feathered trees will be planted separate to each other, distributed throughout the woodland, in pre-prepared pits as per detail shown.

All plants will be mulched and protected against rabbit browsing by use of appropriate biodegradable spiral guards provided with a cane suitable for the size of guard and fencing.

Areas to be seeded with Emorsgate's EM2 Standard General Purpose Meadow Mixture.

After planting a 50mm layer of approved compost fine bark (nominal size 1-10mm) shall be spread at 1m diameter centered around each tree. Each tree and shrub station will be kept clear of grass and weed competition by chemical means until established. Any losses will be replaced during the first winter after planting, and thereafter if necessary sufficient to achieve minimum 85% stocking overall with no badly understocked gaps of more than 4 adjacent losses.

HEDGEROWS

Hedge planting will be undertaken in double staggered rows approximately 300mm apart at 5 plants per linear metre. Species to be as detailed on drawing 3004-01-023. Planting slots shall be made using a planting spade and shall be dug 450mm wide x 450mm depth. Plant notches should be T, L- shaped or straight, using spades of a design suitable for this purpose. The planting notches must be vertical and deep enough for the roots to hang freely, with the transplant being planted so that the root collar is exactly level with the ground surface. The notch must then be closed and the soil will be well firmed round the roots. Plants to be watered to refusal no later than the end of the day planted.

After planting a 50mm layer of approved compost fine bark (nominal size 1-10mm) shall be spread along the hedge trench to 1m wide. The line of the hedge will be kept clear of grass and weed competition during the aftercare period by hand pulling or chemical means until established.

Hedge plants will be protected against browsing by the use of deer spirals provided with a cane suitable for the size of guard and fencing.

Any losses of hedge plants will be replaced during the following planting season and thereafter if necessary sufficient to achieve minimum 90% stocking overall with no badly understocked gaps of more than 4 adjacent losses.

SEEDING

Following soil preparation a fine seedbed will be prepared using agricultural equipment and this will be seeded and rolled twice to ensure good seed contact with the soil.

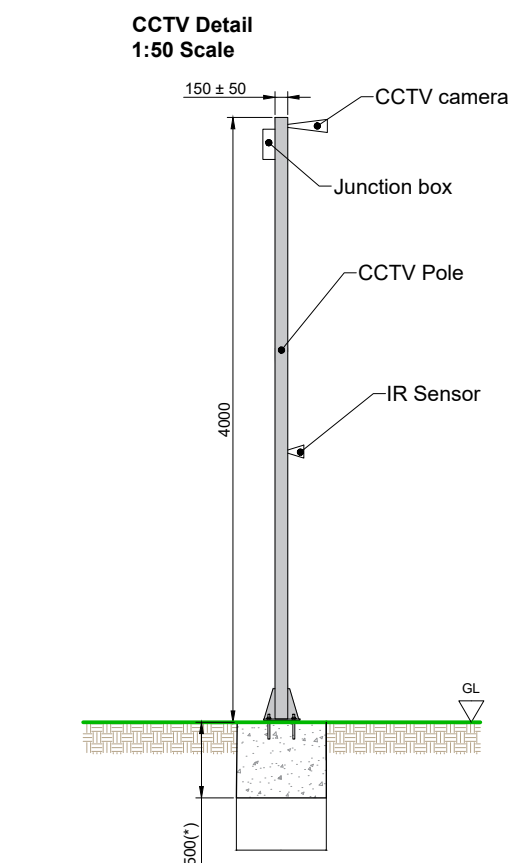
Following an application of FYM, the agricultural areas will be sown with Cotswold Seed's Mix 20: 'HERBAL' Grazing Ley - Four Year Drought Resistant Ley or similar, sown at a rate of 32.5kg/ha, carried out in accordance with the supplier's instructions. In areas where a machine is unable to access, such as far underneath panels, seeding in these areas should be broadcast by hand.

Field margins and other areas outside the development will be sown with Emorsgate's EM2 Standard General Purpose Meadow Mixture or similar, at a rate of 40kg/ha, in accordance with the supplier's instructions.

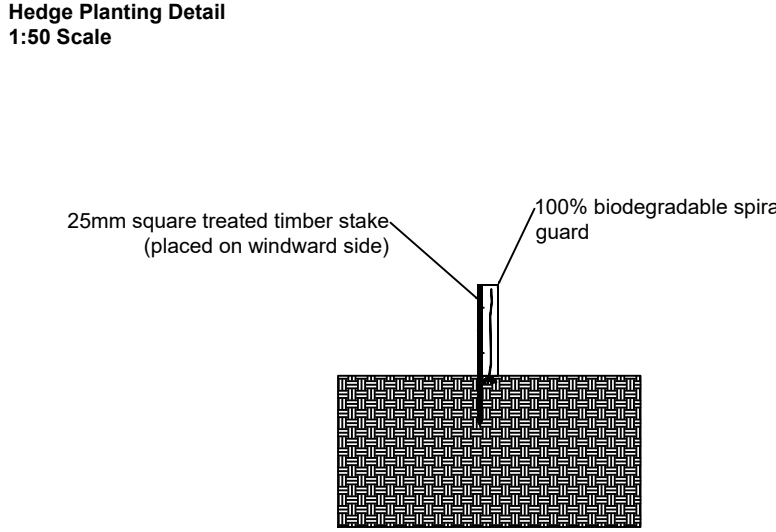
Attention and Detention basins will be sown with Emorsgate's EM8 Meadow Mixture for Wetlands, or similar in accordance with the supplier's instructions.

AFTERCARE

For aftercare requirements refer to the LEMP.



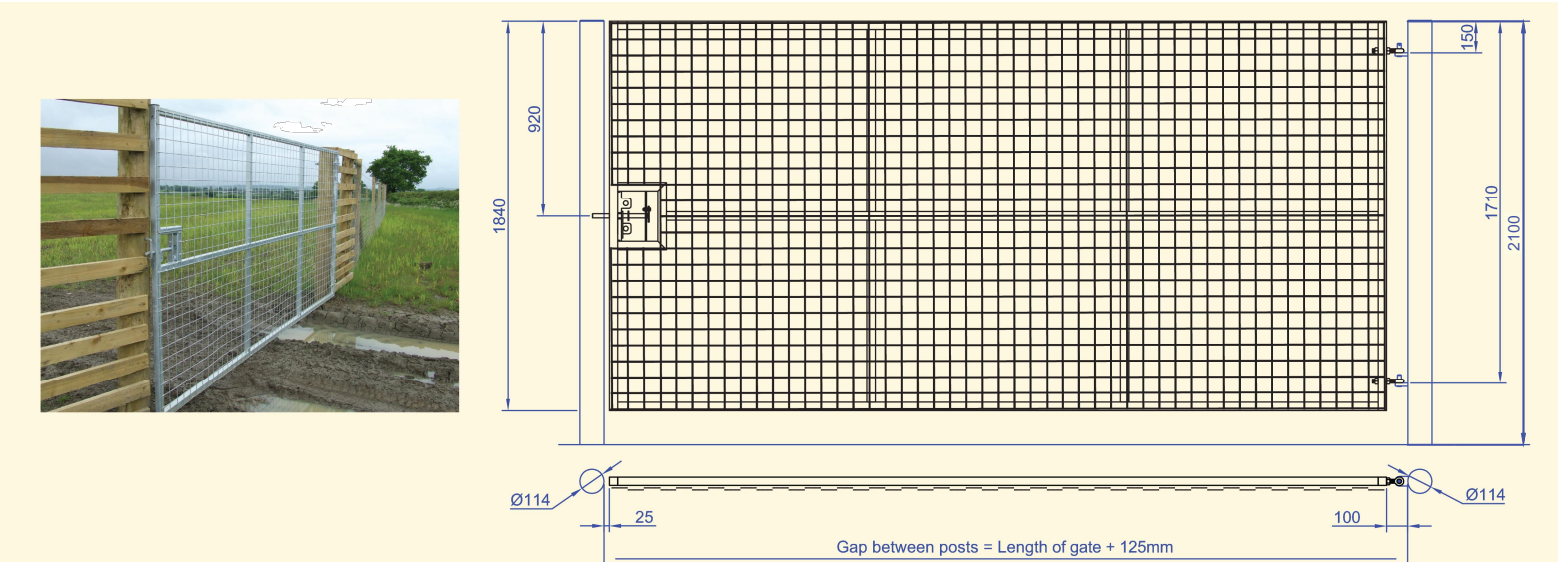
NOTE:
(*) Foundation depth is indicative and can vary depending of the ground condition and the topography of the site.



Notch planting
Transplants to be planted in groups of 5 -15 of same species.
Spacing as per schedule.
Ground to be cleared of tall vegetation by cutting and be sprayed with contact herbicide prior to planting.
If ground is compacted, soil should be cultivated to minimum 300mm prior to planting.
Root dip to be used on bare root stock.
Keep waiting plants in water to prevent drying out.
Slow release fertiliser tabs to be added 3-5 per transplant at time of planting.
"T", "L" or straight notch plant, close notch and firm soil after planting.
Water to refusal.
50mm settle depth mulch layer to be provided, 1m wide centered on the center line of the hedge.
Guard should be flush to the ground, stake minimum of 250mm in the ground.
Stake to be placed on the windward side and secured with biodegradable ties.

Metal Field Gate
2.1m Minimum Height Deer Gate in locations shown on dwg 3004-01-24/25
Gate to be:

- Min 2.1m height where indicated within 2.1m deer fence to stop deer
- Fully meshed with 75mm x 75mm x 4mm weld mesh
- Heavy duty, box section frame
- Hot-dip galvanised after manufacture to BS EN ISO 1461
- Provided with lock fittings



Field Gate:
For access through 1.2m high stock proof fence

- Heavy duty hot dipped galvanised gate 1.143m high.
- Top and bottom rails increased size 43mm tube.
- Central rails 29mm tube.
- Machine welded joints.
- Sleeve hanging stile 50mm x 50mm box section.
- Metal posts and eye bolts.
- Spring loaded sliding bolt.



1.5m height timber Mobility Kissing Gate

- 1.5m wide field gate
- 2.1m x 125x75mm inter post
- 2.1m x 125x125mm corner post
- 2.1m x 125x100mm kissing gate post
- 1810x95x36mm mobility gate rail
- 1280x95x36mm mobility gate rail
- 1210x95x36mm mobility gate rail
- adjustable hinge set galvanized
- gate slam band galvanized
- fitting of irons to gate

Construction and installation to manufacturer's recommendations

Timber Display Sign
Minimum 1.5m height above ground

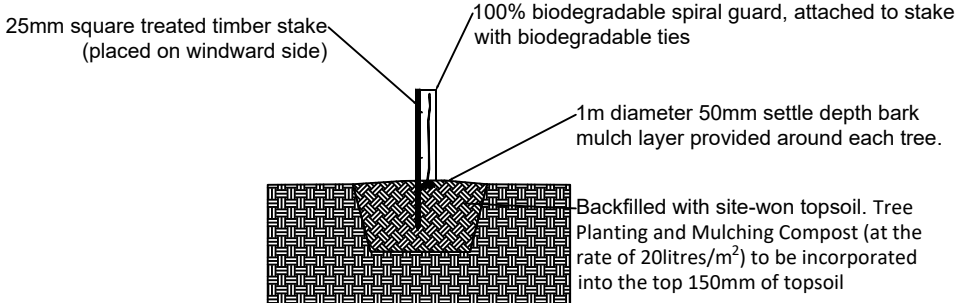
Display Sign to be:

- Fitted with A1 size board
- Constructed from fresh sawn oak and phenolic faced ply
- Timber to provide min. 10 year lifespan
- Graphics on sign to provide information to footpath users on the development, how solar energy works and habitat enhancement being provided

Installed to manufacturer's recommendations.
Installation guidelines:

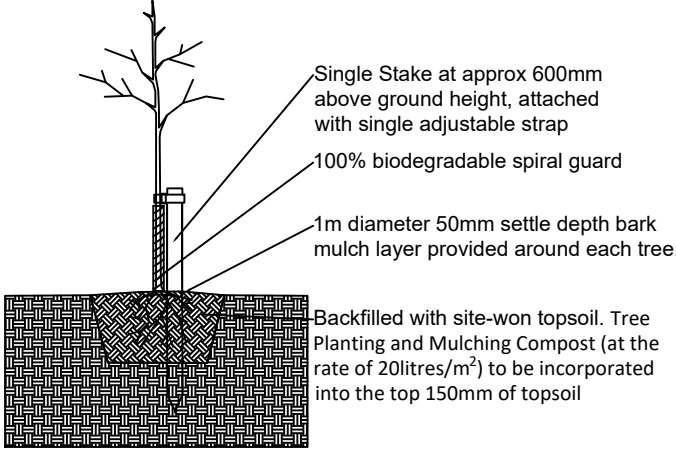
Root-fix - 300x300x700mm excavation, backfilled to 50mm below ground with postcrete, trowelled for water runoff.

Woodland Whip Tree Planting Detail
Bare Root Single Staked
1:50 Scale



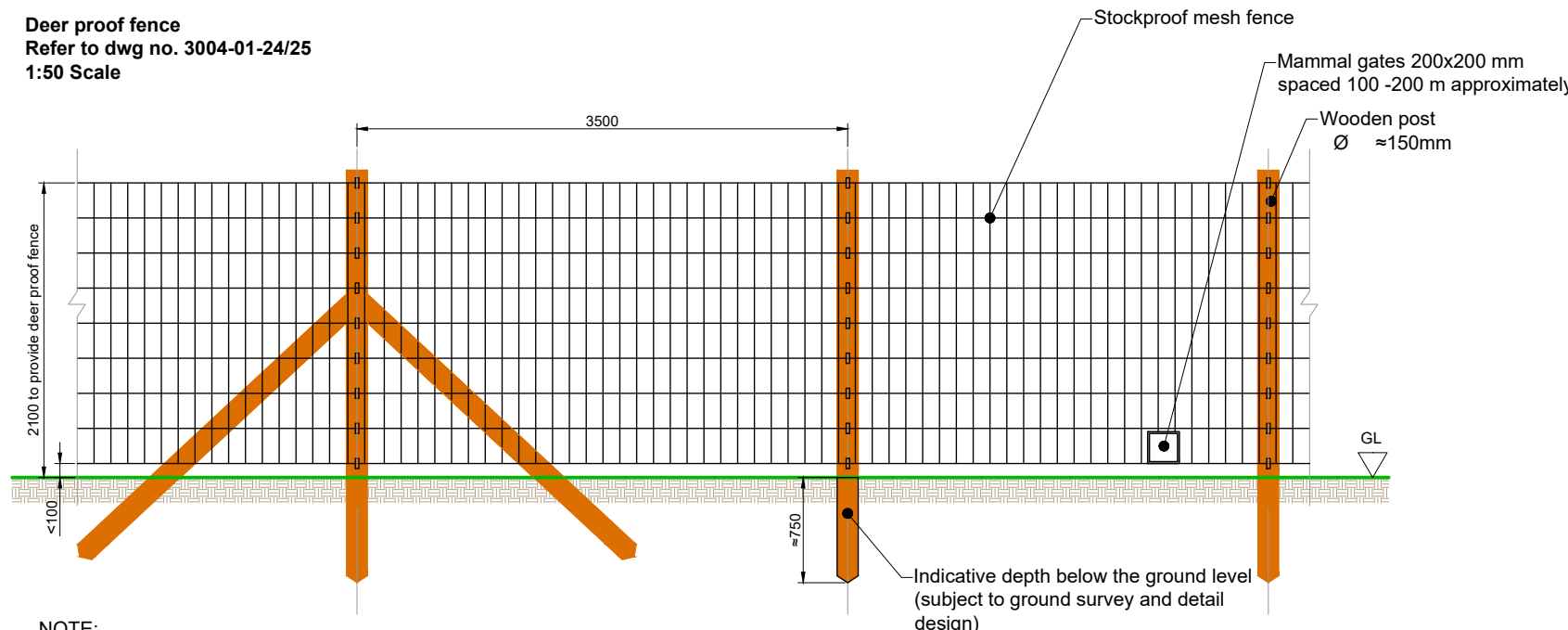
Spacing and location as per schedule.
Ground to be cleared of tall vegetation by cutting and be sprayed with contact herbicide prior to planting.
Tree pit to be dug minimum of 75mm wider and deeper than the natural spread of roots.
Sides and bottom of tree pit to be broken up and all extraneous matter such as plastic, wood, metal and stones greater than 75mm will be removed, prior to being backfilled with site-won topsoil and compost.
Trees to be kept watered while waiting.
3 - 5 slow release fertiliser tabs to be added with backfilled topsoil.
Firm soil after planting and ensure tree is maintained at original depth.
Water to refusal.
50mm settle depth mulch layer to be provided, 1m diameter centered around the tree.
Stake to be placed on windward side to prevent rubbing. Stake shall be treated wood. Stake to be of sufficient length to be driven in minimum of 300mm beyond depth of tree pit and 600mm above ground level.
Spiral guard to be installed.

Feathered Tree Planting Detail
Bare Root Single Staked
1:50 Scale



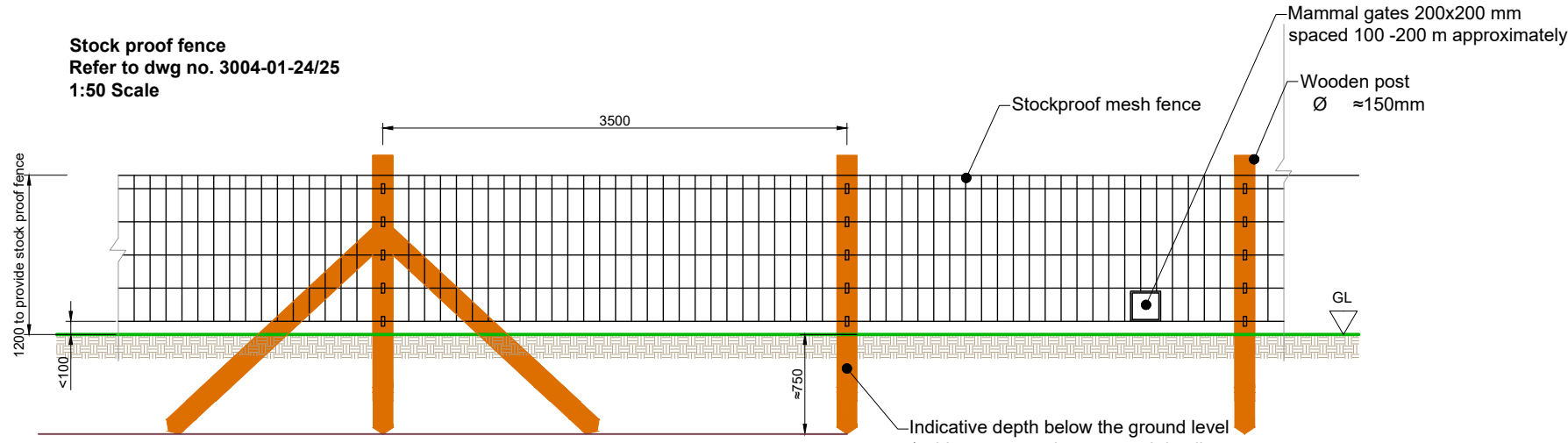
Spacing and location as per schedule.
Ground to be cleared of tall vegetation by cutting and be sprayed with contact herbicide prior to planting.
Tree pit to be dug minimum of 75mm wider and deeper than the natural spread of roots.
Sides and bottom of tree pit to be broken up and all extraneous matter such as plastic, wood, metal and stones greater than 75mm will be removed, prior to being backfilled with site-won topsoil and compost.
Trees to be kept watered while waiting.
3 - 5 slow release fertiliser tabs to be added with backfilled topsoil.
Firm soil after planting and ensure tree is maintained at original depth.
Water to refusal.
50mm settle depth mulch layer to be provided, 1m diameter centered around the tree.
Stake to be minimum 75mm diameter, placed on windward side to prevent rubbing. Stake shall be treated wood. Stake to be of sufficient length to be driven in minimum of 300mm beyond depth of tree pit and 600mm above ground level.
Tree to be attached with single adjustable rubber tie at approximately 600mm above soil level.
Spiral guard to be installed.

Deer proof fence
Refer to dwg no. 3004-01-24/25
1:50 Scale



NOTE:
Distance between posts is indicative and can vary depending of the ground condition and the topography of the site.

Stock proof fence
Refer to dwg no. 3004-01-24/25
1:50 Scale



NOTE:
Distance between posts is indicative and can vary depending of the ground condition and the topography of the site.

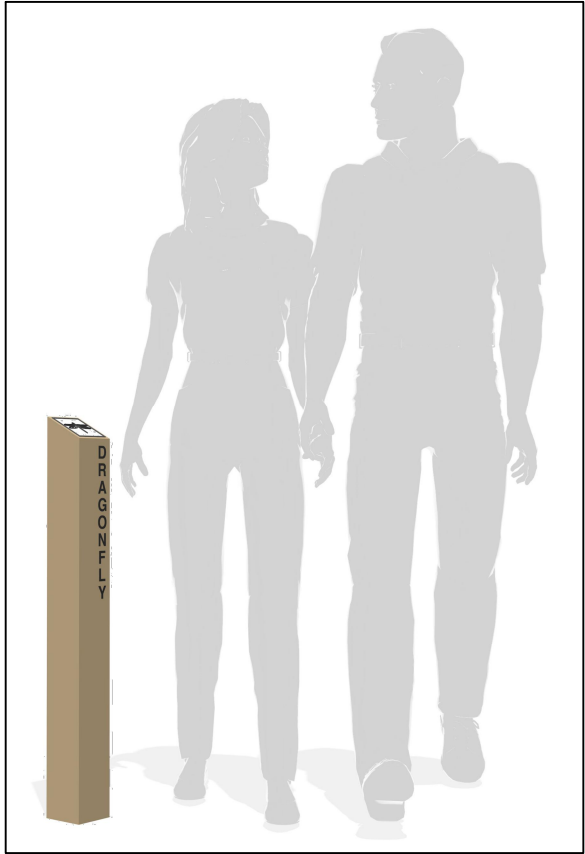
Timber Wayfinding Marker
- Minimum 300mm height above ground

Wayfinding Marker to be:

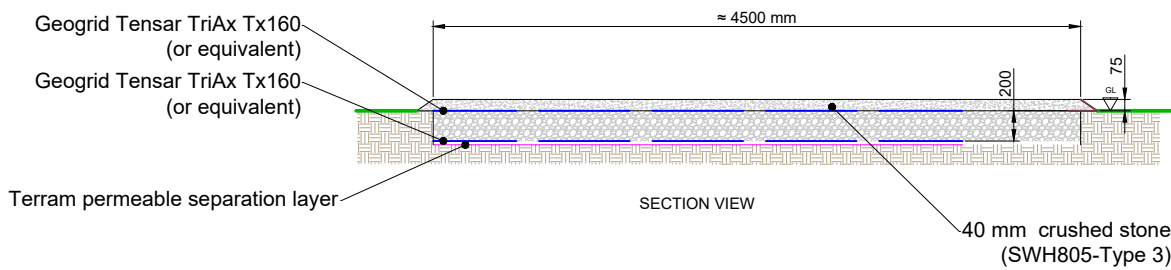
- 150x150xmin.900mm height above ground
- Timber to provide min. 10 year lifespan
- Constructed from fresh sawn oak
- Fitted with engraved detail and/or aluminium disk

Installed to manufacturer's recommendations.
Installation guidelines:

Root-fix - 500x325x500mm excavation per post, approx. 600mm in the ground, backfilled to 50mm below ground level with standard postcrete, trowelled away for water runoff.



Access Track Detail
1:50 Scale



NOTE:
Road design assumes a CBR of <2%. In locations where ground conditions are worse, second layer of geogrid and additional SWH803 Type 2 will be required.

NOTES:

- Dimensions in mm unless otherwise stated

0344 8700 007

axis.co.uk



Client

AGR

Project

Priory Farm Solar Array

Drawing Title

Landscape Details

Scale

1:50 @A1

Date

June 2024

Dwg no

3004-01-026

Status

D o C 12

Drawn Checked

NG AR

Rev

C