



WET WOODLAND AND WOODLAND COPSE PLANTING:

- Minimum height 40-60cm, bare root stock (in season planting)
- All trees and shrubs to be planted at 2.5m centres, notch planted and heeled in firmly. Species to be planted in random groups in numbers ranging from 3 to 15.
- Shrubs to be concentrated to the edges of the planting.
- Tree shelters to be green, 1.2m in height supported by a treated tree stake 1350mm x 32 x 32mm.
- Tree shelters to be pushed to ground level to ensure a flush join with the soil surface.
- The Quercus need to be disease free, have been subject to the relevant quarantine periods and have the correct paperwork to support this.

%	Major Tree Species	Size	Container	WW 1	WW 2	Copse	Total
10%	Alnus cordata	40-60cm 1+1/2	BR	126no	74no	26no	226
10%	Betula pendula	40-60cm 1+1/2	BR	126no	74no	26no	226
10%	Populus tremula	40-60cm 1+1/2	BR	126no	74no	26no	226
20%	Quercus robur	40-60cm 1+1/2	BR	252no	148no	52no	452
10%	Salix caprea	40-60cm 1+1/2	BR	126no	74no	26no	226
%	Minor Tree Species	Size	Container	WW 1	WW 2	Copse	Total
2.5%	Acer campestre	40-60cm 1+1/2	BR	32no	19no	6no	57
5%	Frangula alnus	40-60cm 1+1/2	BR	64no	38no	13no	115
2.5%	Prunus avium	40-60cm 1+1/2	BR	32no	19no	6no	57
5%	Tilia cordata	40-60cm 1+1/2	BR	64no	38no	13no	115
%	Shrub Species	Size	Container	WW 1	WW 2	Copse	Total
5%	Corylus avellana	40-60cm 1+1/2	BR	64no	38no	13no	115
5%	Crataegus monogyna	40-60cm 1+1/2	BR	64no	38no	13no	115
5%	Euonymus europaea	40-60cm 1+1/2	BR	64no	38no	13no	115
5%	Prunus spinosa	40-60cm 1+1/2	BR	64no	38no	13no	115
5%	Viburnum opulus	40-60cm 1+1/2	BR	64no	38no	13no	115

HEDGEROW PLANTING

PROPOSED NATIVE HEDGEROW PLANTING

- Southern Boundary 1 = 324 linear metre long x 1.5m wide (4.5 plants per lin metre)
- Southern Boundary 2 = 405 linear metre long x 1.5m wide (4.5 plants per lin metre)
- To be planted in groups of 3-15 of the same species/height, in 2no parallel rows 500mm apart.
- Rabbit guards to be included (60cm clear spiral guard supported by a 90cm bamboo cane).
- Hedgerows to be grown to 3m tall.

%	Species	Size	Container	Hedge 1	Hedge 2	Total
5%	Cornus sanguinea	40-60cm	BR	7no	14no	21no
20%	Corylus avellana	40-60cm	BR	26no	52no	78no
35%	Crataegus monogyna	40-60cm	BR	51no	102no	153no
10%	Euonymus europaea	40-60cm	BR	14no	28no	42no
20%	Prunus spinosa	40-60cm	BR	26no	52no	78no
10%	Viburnum opulus	40-60cm	BR	14no	28no	42no

GAP UP NATIVE HEDGEROW PLANTING

- Gap Up Native Hedgerow 1 = 30 linear metre long x 1.5m wide (4.5 plants per lin metre)
- Gap Up Native Hedgerow 2 = 60 linear metre long x 1.5m wide (4.5 plants per lin metre)
- To be planted in groups of 3-15 of the same species/height, in 2no parallel rows 500mm apart.
- Rabbit guards to be included (60cm clear spiral guard supported by a 90cm bamboo cane).
- These hedgerows are to have their height increased to 3m, through a change in management.

%	Species	Size	Container	Hedge 1	Hedge 2	Total
5%	Cornus sanguinea	40-60cm	BR	7no	14no	21no
20%	Corylus avellana	40-60cm	BR	26no	52no	78no
35%	Crataegus monogyna	40-60cm	BR	49no	98no	147no
10%	Euonymus europaea	40-60cm	BR	14no	28no	42no
20%	Prunus spinosa	40-60cm	BR	26no	52no	78no
10%	Viburnum opulus	40-60cm	BR	14no	28no	42no

WET WOODLAND PLANTING 1		
MAJOR TREE SPECIES		
ALNUS CORDATA	10%	126no.
BETULA PENDULA	10%	126no.
POPULUS TREMULA	10%	126no.
QUERCUS ROBUR	20%	252no.
SALIX CAPREA	10%	126no.

MINOR TREE SPECIES		
ACER CAMPRESTRE	2.5%	32no.
FRANGULA ALNUS	5%	64no.
PRUNUS AVIUM	2.5%	32no.
TILIA CORDATA	5%	64no.

SHRUB SPECIES		
CORNUS SANGUINEA	5%	64no.
CORYLUS AVELLANA	5%	64no.
CRATAEGUS MONOGYNA	5%	64no.
EUONYMUS EUROPAEA	5%	64no.
VIBURNUM OPULUS	5%	64no.

WET WOODLAND PLANTING 2		
MAJOR TREE SPECIES		
ALNUS CORDATA	10%	74no.
BETULA PENDULA	10%	74no.
POPULUS TREMULA	10%	74no.
QUERCUS ROBUR	20%	148no.
SALIX CAPREA	10%	74no.

MINOR TREE SPECIES		
ACER CAMPRESTRE	2.5%	19no.
FRANGULA ALNUS	5%	38no.
PRUNUS AVIUM	2.5%	19no.
TILIA CORDATA	5%	38no.

SHRUB SPECIES		
CORNUS SANGUINEA	5%	38no.
CORYLUS AVELLANA	5%	38no.
CRATAEGUS MONOGYNA	5%	38no.
EUONYMUS EUROPAEA	5%	38no.
VIBURNUM OPULUS	5%	38no.

GAP UP NATIVE HEDGEROW 1 (30m ALLOWANCE)		
CORNUS SANGUINEA	5%	7no
CORYLUS AVELLANA	20%	28no.
CRATAEGUS MONOGYNA	35%	49no.
EUONYMUS EUROPAEA	10%	14no.
PRUNUS SPINOSA	20%	28no.
VIBURNUM OPULUS	10%	14no.

DIVIDE BETWEEN GRASS ZONES EXISTING / PROPOSED TO BE CONFIRMED ON SITE

NEW NATIVE HEDGEROW 1 - 324lm		
CORNUS SANGUINEA	5%	73no
CORYLUS AVELLANA	20%	292no.
CRATAEGUS MONOGYNA	35%	511no.
EUONYMUS EUROPAEA	10%	146no.
PRUNUS SPINOSA	20%	292no.
VIBURNUM OPULUS	10%	146no.

GAP UP NATIVE HEDGEROW 2 (60m ALLOWANCE)		
CORNUS SANGUINEA	5%	14no
CORYLUS AVELLANA	20%	56no.
CRATAEGUS MONOGYNA	35%	98no.
EUONYMUS EUROPAEA	10%	28no.
PRUNUS SPINOSA	20%	56no.
VIBURNUM OPULUS	10%	28no.

NEW NATIVE HEDGEROW 2 - 405lm		
CORNUS SANGUINEA	5%	91no
CORYLUS AVELLANA	20%	364no.
CRATAEGUS MONOGYNA	35%	637no.
EUONYMUS EUROPAEA	10%	182no.
PRUNUS SPINOSA	20%	364no.
VIBURNUM OPULUS	10%	182no.

WOODLAND COPSE PLANTING		
MAJOR TREE SPECIES		
ALNUS CORDATA	10%	26no.
BETULA PENDULA	10%	26no.
POPULUS TREMULA	10%	26no.
QUERCUS ROBUR	20%	52no.
SALIX CAPREA	10%	26no.

MINOR TREE SPECIES		
ACER CAMPRESTRE	2.5%	6no.
FRANGULA ALNUS	5%	13no.
PRUNUS AVIUM	2.5%	6no.
TILIA CORDATA	5%	13no.

SHRUB SPECIES		
CORNUS SANGUINEA	5%	13no.
CORYLUS AVELLANA	5%	13no.
CRATAEGUS MONOGYNA	5%	13no.
EUONYMUS EUROPAEA	5%	13no.
VIBURNUM OPULUS	5%	13no.

All dimensions to be unless to the contrary. Figures should be to the nearest 10mm unless otherwise stated. No error indicated on this drawing are for guidance only, no responsibility is taken for their accuracy.

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CDMHHS
The drawings on this drawing have been released against the Design CDMA Risk Register and significant risks are noted as:

- Potentially to water
- Lowlying, potentially large groups to wet conditions
- High potential, naturally undulating surface
- High potential, naturally undulating surface
- Potentially to water
- Lowlying, potentially large groups to wet conditions
- High potential, naturally undulating surface
- High potential, naturally undulating surface
- Potentially to water
- Lowlying, potentially large groups to wet conditions
- High potential, naturally undulating surface
- High potential, naturally undulating surface

NOTES / KEY:

- SOLAR FARM SITE BOUNDARY**
2m high, wooden fence posts every 4m with galvanized steel standard deer fence mesh
- DEER FENCING**
2m high, wooden fence posts every 4m with galvanized steel standard deer fence mesh
- EXISTING TREES**
To be retained
- EXISTING WOODLAND**
Immature and installed as part of the 2015 solar farm
- EXISTING HEDGEROW**
Immature and installed as part of the 2015 solar farm. To be maintained to height of 2.0m high.
- EXISTING GRASSLAND**
Various grassland areas installed as per of the 2015 solar farm
- SITE TOPO / CONTOURS**
Existing contours to remain unchanged
- WET WOODLAND PLANTING**
Zone for mixed broadleaved trees and shrubs at 2.5m centres, to be planted into existing grass. The whole area is not to be covered in planting. When planting respect existing stream side vegetation by allowing a 10m buffer. Graduate the planting into the grass area, minimal straight edges
- WOODLAND COPSE**
Mixed broadleaved trees at 2.5m centres
- NATIVE HEDGEROW PLANTING**
4.5 shrub plants per lin metre. 2no. rows 500mm apart. Ultimate height of planting 3m
- GAP UP EXISTING HEDGEROW**
Where required - 4.5 shrub plants per lin metre. 2no. rows 500mm apart. Management regime change to bring hedge up to 3m in height.
- GRASSLAND BUFFER EDGE**
To be created via management of existing diverse grass sward retained for creation of habitat suitable for nesting for Skylarks.
- SEEDED GRASSLAND BUFFER EDGE**
Lussock Grass Mixture by Emorsgate ESG4. Sowing rates 2g/m²
- WATERMAIN BUFFER**
Existing below ground water main, the blue hatch represents the easement required where no development can occur

NOTE:
All tree planting to be in accordance with BS5854:2014 and all landscaping in accordance with BS4428: 1989.

Existing levels to remain unchanged across the site, therefore no tree root-plates will be adversely affected.

No trees or hedgerows to be felled / removed as part of the solar farm development.

REFERENCE DRAWINGS/DOCUMENTS

REVISIONS

no.	issued	date
P04	Solar Array & Site Boundary Change	19.11.2019
P03	Site Boundary Change	24.10.2019
P02	Final Issue	22.10.2019
P01	Draft Issue	18.10.2019

CLIENT:

GREENHEATH NRG LTD

LANDSCAPE ARCHITECT:
The Thrashing Barn
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applied landscape design

PROJECT:
**SOLAR FARM,
DUNS TEW ENERGY PARK,
OXFORDSHIRE**

DRAWING TITLE:
**OUTSIDE OF REDLINE BOUNDARY
PLANTING SCHEME**

drawn: CB	checked: KmJ
scale: 1:500 @A0	date: 18.10.2019
status: Planning	used file ref: ALD848_PLbase
PROJECT NO. ALD848	DRAWING NUMBER: PL401
	REVISION: P04

ORIGINAL A0 SIZE SHEET