

All dimensions are to the outside of the object. Dimensions to be provided in the schedule. This sheet is for information only. No responsibility is taken for their accuracy. The drawings are the property of Applied Landscape Design Limited. All rights reserved. The drawings are the property of Applied Landscape Design Limited. All rights reserved. The drawings are the property of Applied Landscape Design Limited. All rights reserved.

© 2019 Applied Landscape Design Limited. All rights reserved.

- CDM/H&S**
- Planning to use
  - Landscaping, ornamental, hedge, grasses & tree conditions
  - Design, construction, maintenance, operation or disposal by any person
  - Planning to use
  - Landscaping, ornamental, hedge, grasses & tree conditions
  - Design, construction, maintenance, operation or disposal by any person
  - Planning to use
  - Landscaping, ornamental, hedge, grasses & tree conditions
  - Design, construction, maintenance, operation or disposal by any person

- NOTES / KEY:**
- SOLAR FARM SITE BOUNDARY**
  - DEER FENCING**  
2m high, wooden fence posts every 4m with galvanized steel standard clear 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 upto 3m in height.
  - GRASSLAND BUFFER EDGE**  
To be created via management of existing diverse grass sward retained for creation of habitat suitable for nesting skylarks.
  - SEEDED GRASSLAND BUFFER EDGE**  
Fescue Grass Mixture by Emorsgate ESG4. Sowing rates 2g/m<sup>2</sup>
  - WATERMAIN BUFFER**  
Existing below ground water main, the blue hatch represents the easement. Required where no development can occur
  - DEDDINGTON BROOK BUFFER**  
Minimum 5m wide ecological buffer zone alongside Deddington Brook - to be free from built development.

**NOTE:**  
All tree planting to be in accordance with BS5834:2014 and all landscaping in accordance with BS4542:1992.

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
P05	Addition of Buffer Zone	08.02.2023
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 Training Barn  
Blandford, Dorset  
Christine M. Boswell  
Christine@ald.co.uk  
Tel: 01845 248775  
Email: mail@appliedlandscape.co.uk  
applied landscape design

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

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

drawn:	checked:
CB	KmJ
scale:	date:
1:500 @A0	18.10.2019
status:	used file ref:
Planning	ALD848_PLbase
PROJECT NO.:	DRAWING NUMBER:
ALD848	PL401
REVISION:	REVISION:
	P05 WIP

ORIGINAL A0 SIZE SHEET

**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.

**NEW NATIVE HEDGEROW 1 - 324/m**

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 - 405/m**

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**

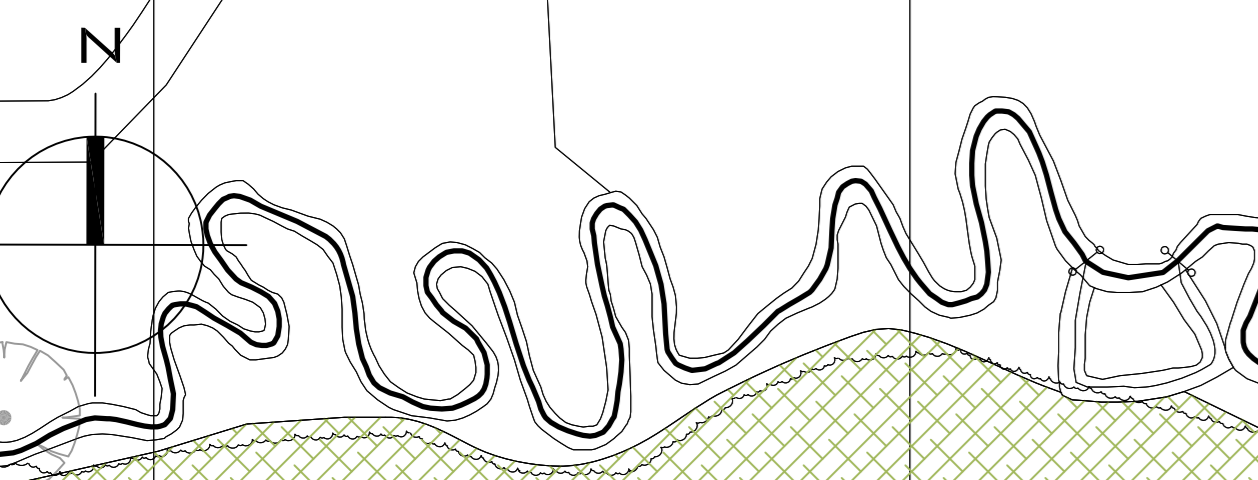
ALNUS CORDATA	10%	26no.
BETULA PENDULA	10%	26no.
POPULUS TREMULA	10%	26no.
QUERCUS ROBUR	20%	52no.
SALIX CAPREA	10%	26no.

**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.



**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 joint 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**

Species	Size	Container	WW 1	WW 2	Copse	Total
Alnus cordata	40-60cm 1+1/1+2	BR	32no	19no	6no	57
Betula pendula	40-60cm 1+1/1+2	BR	126no	74no	26no	226
Populus tremula	40-60cm 1+1/1+2	BR	126no	74no	26no	226
Quercus robur	40-60cm 1+1/1+2	BR	252no	148no	52no	452
Salix caprea	40-60cm 1+1/1+2	BR	126no	74no	26no	226

**Minor Tree Species**

Species	Size	Container	WW 1	WW 2	Copse	Total
Acer camprestre	40-60cm 1+1/1+2	BR	32no	19no	6no	57
Frangula alnus	40-60cm 1+1/1+2	BR	64no	38no	13no	115
Prunus avium	40-60cm 1+1/1+2	BR	32no	19no	6no	57
Tilia cordata	40-60cm 1+1/1+2	BR	64no	38no	13no	115

**Shrub Species**

Species	Size	Container	WW 1	WW 2	Copse	Total
Cornus sanguinea	40-60cm 1+1/1+2	BR	64no	38no	13no	115
Corylus avellana	40-60cm 1+1/1+2	BR	64no	38no	13no	115
Crataegus monogyna	40-60cm 1+1/1+2	BR	64no	38no	13no	115
Euonymus europaea	40-60cm 1+1/1+2	BR	64no	38no	13no	115
Prunus spinosa	40-60cm 1+1/1+2	BR	64no	38no	13no	115
Viburnum opulus	40-60cm 1+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
Cornus sanguinea	40-60cm	BR	73no	91no	164no
Corylus avellana	40-60cm	BR	292no	364no	656no
Crataegus monogyna	40-60cm	BR	511no	637no	1148no
Euonymus europaea	40-60cm	BR	146no	182no	328no
Prunus spinosa	40-60cm	BR	292no	364no	656no
Viburnum opulus	40-60cm	BR	146no	182no	328no

**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
Cornus sanguinea	40-60cm	BR	7no	14no	21no
Corylus avellana	40-60cm	BR	28no	56no	84no
Crataegus monogyna	40-60cm	BR	49no	98no	147no
Euonymus europaea	40-60cm	BR	14no	28no	42no
Prunus spinosa	40-60cm	BR	28no	56no	84no
Viburnum opulus	40-60cm	BR	14no	28no	42no

Hill