

## CULHAM BATTERY ENERGY STORAGE FACILITY OXFORDSHIRE

List of plant species to be established. within the new landscape areas

Prepared for:

Culhaml Storage Ltd

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Sightline Landscape 57 Stirtingale Road, Bath



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## 1 Introduction

1.1 This document specifies the species for the landscape design for a proposed Battery Energy Storage System (BESS) on land adjacent to the Culham Science Centre, Oxfordshire. The Site is located on plan Figures 1 and 2 within (Appendix A). This specification is to be read in conjunction with the planting plans which are presented in Appendix B. They are drawings:

515\_PP\_01 Planting Plan Sheet 1

515\_PP\_02 Planting Plan Sheet 2

515\_PP\_03 Planting Plan Sheet 3

515\_PP\_04 Planting Plan Sheet 4

515\_PP\_05 Planting Plan Sheet 5

SL254\_L\_X\_G\_A\_1 Culham BESS Block Plan

1.2 It is anticipated that, if consent is granted, landscape will be one of the conditions and so the species list may change during the planning process.

1.3 The Landis England and Wales soil map data base (<u>https://www.landis.org.uk/soilscapes/</u>) identifies the soil over the majority of the Site where landscaping is proposed as Soilscape 10: Freely draining slightly acid sandy soils with low fertility due to a tendency to be freely draining and leaching.. The natural habitat type for this soil is acid dry pastures; acid deciduous and coniferous woodland; potential for lowland heath. The species mix has been chosen to be appropriate to this soil type.

## 2 Long Term Management

2.1 The completed landscape is to be managed in accordance with the Culhaml BESS Landscape and Ecological Management Plan (Sightline Landscape).



## 3 Grassland Establishment

3.1 The extensive reprofiling of the ground throughout most of the Site means that it will be necessary to create new sward types over most of the Site, with the benefit that more species rich wildflower swards can be created instead of the arable land that exists at present. Two types of grassland are proposed, as follows:

# G1 – Species rich meadow grassland which will be managed by taking a traditional summer hay crop.

#### BFS 2 – ACID GRASSLAND WILDFLOWER SEED MIX FOR SANDY OR PEATY SOILS

3.2 Available from British Flora (<u>https://grassandflower.co.uk/british-flora/store/products/bfs-2-acid-grassland-wildflower-seed-mix-for-sandy-or-peaty-soils</u>). Or another supplier of a comparable product to approval. This is a diverse conservation seed mix of twenty UK native wildflowers and five grasses. Species adapted to base poor soils such as sheep's fescue, sheep's sorrel and heath bedstraw are frequent. It is seed mix suited for low fertility base poor (acidic) soils either on dry sandy soils or wetter peaty soils. It is represented by the NVC communities U1 to U5 and is a habitat of principle importance 'Lowland Dry Acid Grassland'.Suitable NVC Communities: U1; U2; U3; U4; U5

#### 20% Wildflowers:

7% Achillea millefolium — (Yarrow)
0.5% Campanula rotundifolia – (Harebell)
12% Centaurea nigra – (Black knapweed)
0.5% Galium saxatile – (Heath bedstraw)
11% Galium verum – (Lady's bedstraw)
1% Hieracium pilosella – (Mousear hawkweed)
4% Hypochaeris radicata – (Common cat's-ear)
11% Lotus corniculatus – (Common bird's-foot trefoil)
5% Onobrychis vicifolia – (Sainfoin)
1% Potentilla erecta – (Tormentil)
14% Prunella vulgaris – (Selfheal)
12% Ranunculus acris – (Meadow buttercup)



9% Rumex acetosella – (Sheep's sorrel)
6% Stachys officianlis – (Betony)
5% Succisa pratensis – (Devil's-bit scabious)
1% Teucrium scorodonia – (Wood sage)

80% Grasses:
5% Agrostis capillaris – (Common bent)
5% Anthoxanthum odoratum – (Sweet vernal grass)
40% Cynosurus cristatus – (Crested dog's-tail)
2% Deschampsia flexuosa – (Wavy hair grass)
48% Festuca ovina – (Sheep's fescue)
Sowing Rate: 5g/m². Contains: Wildflowers 20% (20 species) Grasses 80% (5 species)

#### 3.3 G2 – Species rich tussocky grass sward

#### **BFS 13 – TUSSOCKY GRASSLAND WILDFLOWER MEADOW MIX**

3.4 The Tussocky Tall Grassland Mix contains a moderate diversity of fifteen wildflowers, but the major component is coarse grasses that form tussocks, including Cocksfoot, Tall Fescue and Yorkshire Fog. Available from British Flora <u>https://grassandflower.co.uk/british-flora/store/products/bfs-13-tussocky-grassland-wildflower-meadow-mix/</u>. Or another supplier of a comparable product.Suitable NVC Communities: MG1. Sowing Rate: 5g/m<sup>2</sup> Contains: Wildflowers 20% (15 species) Grasses 80% (8 species)

Wildflowers:
6% Achillea millefolium – (Yarrow)
4% Agrimony eupatoria – (Common Agrimony)
10% Centaurea nigra – (Black knapweed)
4% Daucus carota – (Wild Carrot)
3% Knautia arvensis – (Field Scabious)
5% Lathyrus pratensis – (Meadow vetchling)
10% Leucanthemum vulgare – (Ox-eye daisy)
5% Lotus ulignosus – (Greater bird's-foot trefoil)
4% Lychnis flos-cuculi – (Ragged robin)
10% Plantago lanceolata – (Ribwort plantain)



10% Ranunculus acris – (Meadow buttercup)
10% Rumex acetosa – (Common sorrel)
10% Silene dioica – (Red campion)
5% Trifolium pratense – (Red clover)
4% Vicia cracca – (Tufted vetch)

Grasses:

3% Alopecurus pratensis – (Meadow foxtail)
8% Arrhenatherum elatius – (False oat grass)
20% Dactylis glomerata – (Cock's-foot)
4% Deschampsia cespitosa – (Tufted hair grass)
25% Festuca arundinacea – (Tall fescue)
25% Festuca pratensis – (Meadow fescue)
10% Festuca rubra ssp rubra – (Red fescue)
5% Holcus lanatus – (Yorkshire fog)

3.5 All grassland areas are to be managed in accordance with the methodology set out within the Landscape and Environmental Management Plan (LEMP – Sightline Landscape).

## Woodland Planting

3.6 The following native are to be planted within the woodland areas. The transplants are to be notch planted into newly topsoiled areas and the larger stock pit planted. Species and sizes are to be randomly mixed. Trees and shrubs are to be planted in a loose 2m grid. Once planted the area within the fencing is to be mulched to a depth of 75mm. A 5Kg sample of the mulch is to be approved by the landscape Architect before full loads are brought on site. Feathered trees to be secured to a single 75mm dia. Stake. Transplants to be secured to a 38mm square stake but tree shelters or guards are not required since the landscape areas are protected by fencing.



### WOODLAND PLANTING W1 (as located on the Landscape masterplan)

%	English Name	Latin Name	Stock Size
3	Field Maple	Acer campestre	1.5 – 2.0m high feathered trees
5	Field Maple	Acer campestre	60 – 80cm high BR transplants
2	Birch	Betula pendula	1.5 – 2.0m high feathered trees CG
5	Birch	Betula pendula	60 – 80cm high BR transplants
3	Hornbeam	Carpinus betula	1.5 -2.0m high feathered tree
4	Hornbeam	Carpinus betula	60 – 80cm high BR transplants
5	Hawthorn	Crataegus monogyna	1.5 – 2.0m high feathered trees
10	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
3	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
9	Hazel	Corylus avellana	60 – 80cm high BR transplants
3	Holly	llex aquifolium	60 – 80cm high BR transplants
2	Crab apple	Malus sylvestris	1.5 – 2.0m high feathered trees
2	Crab apple	Malus sylvestris	60 – 80cm high BR transplants
3		t Castanea sativa	2.0 – 2.5m high feathered trees
4		t Castanea sativa	60 – 80cm high BR transplants
7	Blackthorn	Prunus spinosa	60 – 80cm BR Transplant
7	Scots Pine	Pinus sylvestris	40-60cm BR Transplant 1U2
3	Wild Cherry	Prunus avium	1.5 – 2.0m high feathered trees
5	Wild Cherry	Prunus avium	60 – 80cm high BR Transplant
5	Native oak	Quercus robur	60 – 80cm high BR Transplant
4	Native oak	Quercus robur	0.9 – 1.5m high Feathered tree
3	Mountain Ash	Sorbus aucuparia	0.9 – 1.5m high feathered tree
3	Guelder Rose	Viburnum opulus	60 – 80cm girth BR transplants

#### WOODLAND PLANTING W2 (as located on the Landscape masterplan)

%	English Name	Latin Name	Stock Size
3	Field Maple	Acer campestre	1.5 – 2.0m high feathered trees
6	Field Maple	Acer campestre	60 – 80cm high BR transplants
3	Birch	Betula pendula	1.5 – 2.0m high feathered trees CG
6	Birch	Betula pendula	60 – 80cm high BR transplants
2	Hornbeam	Carpinus betula	1.5 -2.0m high feathered tree
5	Hornbeam	Carpinus betula	60 – 80cm high BR transplants
5	Hawthorn	Crataegus monogyna	1.5 – 2.0m high feathered trees
10	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
2	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
2	Sweet Chestnut	Castanea sativa	2.0 – 2.5m high feathered trees
5	Sweet Chestnut	Castanea sativa	60 – 80cm high BR transplants
10	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Beech	Fagus sylvatica	60 – 80cm high BR transplants
2	Holly	llex aquifolium	60 – 80cm high BR transplants
2	Aspen	Populus tremula	1.5 – 2.0m high feathered trees
3	Aspen	Populus tremula	60 – 80cm high BR transplants



5	Blackthorn	Prunus spinosa	60 – 80cm BR Transplant
5	Scots Pine	Pinus sylvestris	40-60cm BR Transplant 1U2
2	Wild Cherry	Prunus avium	1.5 – 2.0m high feathered trees
3	Wild Cherry	Prunus avium	60 – 80cm high BR Transplant
5	Native oak	Quercus robur	60 – 80cm high BR Transplant
3	Native oak	Quercus robur	0.9 – 1.5m high Feathered tree
2	Mountain Ash	Sorbus aucuparis	0.9 – 1.5m high feathered tree
4	Guelder Rose	Viburnum opulus	60 – 80cm girth BR transplants

#### WOODLAND PLANTING W3 (as located on the Landscape masterplan)

% 4 6 3 10 1 10 6 15 2 14 5 2 8 3	English Name Field Maple Field Maple Birch Birch Hornbeam Hornbeam Hawthorn Hawthorn Dogwood Hazel Holly Crab apple Blackthorn Wild Cherry	Latin Name Acer campestre Acer campestre Betula pendula Betula pendula Carpinus betula Carpinus betula Crataegus monogyna Crataegus monogyna Cornus sanquinea Corylus avellana Ilex aquifolium Malus sylvestris Prunus spinosa Prunus avium	Stock Size 1.5 - 2.0m high feathered trees 60 - 80cm high BR transplants 1.5 - 2.0m high feathered trees CG 60 - 80cm high BR transplants 1.5 - 2.0m high feathered tree 60 - 80cm high BR transplants 1.5 - 2.0m high feathered trees 60 - 80cm high BR transplants 60 - 80cm high BR transplants 1.5 - 2.0m high feathered trees 60 - 80cm high BR transplants 1.5 - 2.0m high feathered trees 60 - 80cm BR Transplant 1.5 - 2.0m high feathered trees 60 - 80cm BR Transplant
8	Blackthorn Wild Cherry Wild Cherry Native oak	Prunus spinosa	60 – 80cm BR Transplant

#### WOODLAND PLANTING W4 (as located on the Landscape masterplan)

%	English Name	Latin Name	Stock Size
3	Field Maple	Acer campestre	1.5 – 2.0m high feathered trees
7	Field Maple	Acer campestre	60 – 80cm high BR transplants
3	Birch	Betula pendula	1.5 – 2.0m high feathered trees CG
7	Birch	Betula pendula	60 – 80cm high BR transplants
3	Hornbeam	Carpinus betula	1.5 -2.0m high feathered tree
5	Hornbeam	Carpinus betula	60 – 80cm high BR transplants
5	Hawthorn	Crataegus monogyna	1.5 – 2.0m high feathered trees
10	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
2	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
2	Sweet Chestnut	t Castanea sativa	2.0 – 2.5m high feathered trees
5	Sweet Chestnut	t Castanea sativa	60 – 80cm high BR transplants
10	Hazel	Corylus avellana	60 – 80cm high BR transplants



2	Holly	llex aquifolium	60 – 80cm high
2	Aspen	Populus tremula	1.5 – 2.0m high
3	Aspen	Populus tremula	60 – 80cm high
5	Blackthorn	Prunus spinosa	60 – 80cm BR <sup>-</sup>
5	Scots Pine	Pinus sylvestris	40-60cm BR Tr
2	Wild Cherry	Prunus avium	1.5 – 2.0m high
3	Wild Cherry	Prunus avium	60 – 80cm high
7	Native oak	Quercus robur	60 – 80cm high
3	Native oak	Quercus robur	0.9 – 1.5m high
2	Mountain Ash	Sorbus aucuparis	0.9 – 1.5m high
4	Guelder Rose	Viburnum opulus	60 – 80cm girth

60 – 80cm high BR transplants 1.5 – 2.0m high feathered trees 60 – 80cm high BR transplants 60 – 80cm BR Transplant 40-60cm BR Transplant 1U2 1.5 – 2.0m high feathered trees 60 – 80cm high BR Transplant 60 – 80cm high BR Transplant 0.9 – 1.5m high Feathered tree 0.9 – 1.5m high feathered tree 60 – 80cm girth BR transplants

## 4 Native Scrub Planting

4.1 The following native trees and shrubs are to be planted in scrub areas. Species and sizes are to be randomly mixed and planted at distances of between 1m and 4m in a loose grid to give an average density of 1 plant per 6 m2.

#### SCRUB PLANTING S1 (as located on the Landscape Masterplan)

%	English Name	Latin Name	Stock Size
5	Field Maple	Acer campestre	60 – 80cm high BR transplants
24	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
10	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
10	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Holly	llex aquifolium	60 – 80cm high BR transplants
5	Crab apple	Malus sylvestris	2.0 – 2.5m high feathered trees
15	Blackthorn	Prunus avium	60 – 80cm high BR transplants
5	Wild Cherry	Prunus avium	2.0 – 2.5m high feathered trees
10	Dog Rose	Rosa canina	60 – 80cm high BR transplants
5	Field Rose	Rosa arvensis	69 – 80 cm high BR transplants
3	Mountain Ash	Sorbus aucuparia	0.9 – 1.5m high feathered tree
3	Guelder Rose	Viburnum opulus	60 – 80cm girth BR transplants

## SCRUB PLANTING S2 (as located on the Landscape Masterplan)

%	English Name	Latin Name	Stock Size
5	Field Maple	Acer campestre	60 – 80cm high BR transplants
30	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
10	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
10	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Holly	llex aquifolium	60 – 80cm high BR transplants
5	Crab apple	Malus sylvestris	2.0 – 2.5m high feathered trees



20	Blackthorn	Prunus avium	60 – 80cm high BR transplants
5	Wild Cherry	Prunus avium	2.0 – 2.5m high feathered trees
10	Dog Rose	Rosa canina	60 – 80cm high BR transplants
5	Field Rose	Rosa arvensis	69 – 80 cm high BR transplants

#### SCRUB PLANTING S3 (as located on the Landscape Masterplan)

%	English Name	Latin Name	Stock Size
5	Field Maple	Acer campestre	60 – 80cm high BR transplants
25	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
10	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
15	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Holly	llex aquifolium	60 – 80cm high BR transplants
5	Crab apple	Malus sylvestris	2.0 – 2.5m high feathered trees
20	Blackthorn	Prunus avium	60 – 80cm high BR transplants
5	Wild Cherry	Prunus avium	2.0 – 2.5m high feathered trees
10	Dog Rose	Rosa canina	60 – 80cm high BR transplants
5	Field Rose	Rosa arvensis	69 – 80 cm high BR transplants

#### SCRUB PLANTING S4 (as located on the Landscape Masterplan)

%	English Name	Latin Name	Stock Size
25	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
15	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
20	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Holly	llex aquifolium	60 – 80cm high BR transplants
20	Blackthorn	Prunus avium	60 – 80cm high BR transplants
10	Dog Rose	Rosa canina	60 – 80cm high BR transplants
5	Field Rose	Rosa arvensis	69 – 80 cm high BR transplants

#### SCRUB PLANTING S5 (as located on the Landscape Masterplan)

%	English Name	Latin Name	Stock Size
5	Field Maple	Acer campestre	60 – 80cm high BR transplants
25	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
10	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
15	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Holly	llex aquifolium	60 – 80cm high BR transplants
5	Crab apple	Malus sylvestris	2.0 – 2.5m high feathered trees
15	Blackthorn	Prunus avium	60 – 80cm high BR transplants
5	Wild Cherry	Prunus avium	2.0 – 2.5m high feathered trees
10	Dog Rose	Rosa canina	60 – 80cm high BR transplants
5	Field Rose	Rosa arvensis	69 – 80 cm high BR transplants

#### SCRUB PLANTING S6 (as located on the Landscape Masterplan)

%	English Name	Latin Name	Stock Size
15	Field Maple	Acer campestre	60 – 80cm high BR transplants
30	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
30	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants



25	Hazel	Corylus avellana	60 – 80cm high BR transplants
SCRU	B PLANTING S7	(as located on the Lan	dscape Masterplan)
%	English Name	Latin Name	Stock Size
25	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
15	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
25	Hazel	Corylus avellana	60 – 80cm high BR transplants
5	Holly	Ilex aquifolium	60 – 80cm high BR transplants
20	Blackthorn	Prunus avium	60 – 80cm high BR transplants
10	Dog Rose	Rosa canina	60 – 80cm high BR transplants

#### 5 Hedge planting

5.1 To be planted in a minimum 400mm depth topsoil, previously stripped from the Site and planted as two staggered rows, 400 mm between rows and plants. The species are to be randomly mixed.

#### **HEDGE PLANTING H1**

15% 20% 5% 15% 10% 10% 5% 2% 5% 7%	English Name Field maple Hawthorn Dogwood Hornbeam Hazel Beech Holly Honeysuckle Blackthorn Dog rose	Latin Name Acer campestre Crataegus monogyna Cornus sanquinea Carpinus betulus60 – Corylus avellana Fagus sylvatica Ilex aquifolium Lonicera periclymenum Prunus spinosa Rosa canina	Stock Size 60 – 80cm high BR transplants 60 – 80cm high BR transplant 2 Litre transplants 2 Litre transplants 60 – 80cm high BR transplants
	Guelder Rose	Viburnum opulus	60 - 80 cm high BR transplants

#### **HEDGE PLANTING H2**

Key	English Name	Latin Name	Stock Size
15%	Field maple	Acer campestre	60 – 80cm
25%	Hawthorn	Crataegus monogyna	60 – 80cm
5%	Dogwood	Cornus sanquinea	60 – 80cm
20%	Hazel	Corylus avellana	60 – 80cm
10%	Beech	Fagus sylvatica	60 – 80cm
5%	Holly	llex aquifolium	2 Litre trar
2%	Honeysuckle	Lonicera periclymenum	2 Litre trar
5%	Blackthorn	Prunus spinosa	60 – 80cm
7%	Dog rose	Rosa canina	60 – 80cm
6%	Wayfaring Rose	Viburnum lantana	60 – 80cm

#### ze

- n high BR transplants
- n high BR transplant
- ansplants
- ansplants
- n high BR transplants
- n high BR transplants
- n high BR transplants



60 – 80cm high BR transplants

60 – 80cm high BR transplants 60 – 80cm high BR transplants 60 – 80cm high BR transplants 60 – 80cm high BR transplant

60 – 80cm high BR transplants 60 – 80cm high BR transplants

#### **HEDGE PLANTING H3**

Key	English Name	Latin Name
30%	Field maple	Acer campestre
30%	Hawthorn	Crataegus monogyna
5%	Dogwood	Cornus sanquinea
18%	Hazel	Corylus avellana
10%	Beech	Fagus sylvatica
5%	Holly	llex aquifolium
2%	Honeysuckle	Lonicera periclymenum
7%	Dog rose	Rosa canina
6%	Wayfaring Rose	e Viburnum lantana

#### **HEDGE PLANTING H4**

Key	English Name	Latin Name	Stock Size
15%	Field maple	Acer campestre	60 – 80cm high BR transplants
35%	Hawthorn	Crataegus monogyna	60 – 80cm high BR transplants
5%	Dogwood	Cornus sanquinea	60 – 80cm high BR transplants
20%	Hazel	Corylus avellana	60 – 80cm high BR transplants
5%	Holly	llex aquifolium	2 Litre transplants
2%	Honeysuckle	Lonicera periclymenum	2 Litre transplants
5%	Blackthorn	Prunus spinosa	60 – 80cm high BR transplants
7%	Dog rose	Rosa canina	60 – 80cm high BR transplants
6%	Wayfaring Rose	e Viburnum lantana	60 – 80cm high BR transplants

## 6 Specimen tree planting

6.1 The following are to be pit planted in the positions shown on the landscape plans. All trees are to be container grown.

**Stock Size** 

2 Litre transplants 2 Litre transplants



## 7 Marginal Planting to the ponds (P1 and P2)

7.1 The following shall be planted at a density of 4 plants per metre length of the permanent water pond margin in the positions shown on the Landscape Masterplan. Once the pond has been excavated it is to be left to settle and form a typical spring water level. The plants are to be planted in spring at appropriate depths around the margins.

5% 5% 7% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	Alisma plantago-aquatica Baldellia ranunculoides Butomus umbellatus Caltha palustris Carex flacca Carex acutiformi Filipendula ulmaria Geum rivale Hypercium tetrapterum Iris pseudacorus Mentha aquatica Myosotis scorpioides Lychnis flos-cuculi Scrophularia auriculata Persicaria bistorta Pontentilla palustris Stachys palustris	Water Plantain Lesser water plantain Flowering rush Marsh marigold Glaucous Sedge Lesser Pond Sedge Meadowsweet Water Avens Square-stalked St. John's wort Yellow Flag Water Mint Water Forget-me-not Ragged robin Water figwort Adderwort Marsh cinquefoil Marsh Woundwort
		•
0.10	Rananoulus inigua Granallorus	Groater spearwort

7.2 The following floating species are to be placed in the ponds:



## APPENDIX A

## LOCATION PLANS





Based on an Ordnance Survey Map with Permission of His Majesties Stationary Office Sightline Licence 0100031673



## Figure 1: Location Plan (Ordnance Survey)

Figure 2: Location Plan (Google Aerial)



## **APPENDIX B**

## LANDSCAPE PLANS





© Sightline Landscape. Based on Ordnance Surv

Quercus robui

Quercus cerris Salix alba

Heavy Standard tree 12- 14cm girth Heavy Standard tree 12- 14cm girth

DWG No APPROVE 515\_PP\_02 CMcD

PLANTING PLAN SHEET 2 of 5





<pre>STATERA</pre>	Specimen tree planting           Key         English Name         Latin Name         Stock Size           Ac         Field Maple         Acer campestre         Heavy Standard tree 12- 14cm girth           Ag         Alder         Alus glutinosa         Heavy Standard tree 12- 14cm girth           Bp         Birch         Betula pendula         Heavy Standard tree 12- 14cm girth           Cm         Hawthom         Crategus monogyna         Heavy Standard tree 12- 14cm girth	Revision Date Comment	ON BEHALF STATERA	PROJECT CULHAM BATTERY ENERGY STORAGE SYSTEM
BALANCING THE GRID	Cs         Sweet Cheshrut         Castanee salive         Heavy Standard tree 12-14cm girth           Ms         Crab apple         Malus sylvestris         Heavy Standard tree 12-14cm girth           Pa         Cherry         Prunus avium         Heavy Standard tree 12-14cm girth           Pn         Black Poplar         Propulus nigra betuitfold 0.9 -15 m bigh feathered tree           Ps         Scots Pine         Prusus sylvestris         1.5 - 2m bigh, bushy CG specimen           Pt         Aspen         Populus tremula         Heavy Standard tree 12-14cm girth           Qr         Native cak         Quercus crotur         Heavy Standard tree 12-14cm girth           Qe         Turkish cak         Quercus cerus         Heavy Standard tree 12-14cm girth           Qs         Works         Salix alba         Heavy Standard tree 12-14cm girth	G1         Species rich flowering meadow sward established through seeding.           G2         Species rich tussock grass flowering meadow established through seeding.           W1 to W4         Proposed woodland planting, see specification for species sies and mixes.           H1 to H4         Proposed native hedge planting, see specification for species sies and mixes.           S1 to S7         Proposed native scub planting, see specification for species sies and mixes.           P1 and P2         Prods, see specification for marginal planting.	DATE         17 January 2024           SCALE         1 : 500 @ A1           DWG No         515_PP_04           APPROVED         CMcD	TITLE PLANTING PLAN SHEET 4 of 5

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STATERA BALANCING THE GRID	Specimen tree planting	Revision Date Comment	ON BEHALF	PROJECT
	Key         English Name         Latin Name         Stock Size           Ac         Field Maple         Acer campestre         Heavy Standard tree 12- 14cm girth           Ag         Alder         Alnus glutinosa         Heavy Standard tree 12- 14cm girth           Bp         Birch         Betlua pendula         Heavy Standard tree 12- 14cm girth           Cm         Hawthorn         Crataegus monogyna         Heavy Standard tree 12- 14cm girth           Cs         Sweet Chestnut         Crataegus monogyna         Heavy Standard tree 12- 14cm girth           Pa         Crab apple         Malus sylvestris         Heavy Standard tree 12- 14cm girth           Pa         Cherry         Prunus avium         Heavy Standard tree 12- 14cm girth           Pa         Cherry         Prunus avium         Heavy Standard tree 12- 14cm girth           Pa         Cherry         Prunus avium         Heavy Standard tree 12- 14cm girth           Pa         Scots Pine         Pinus sylvestris         1.5 - 2m high, bushy CG specimen           Pt         Aspen         Populus tremula         Heavy Standard tree 12- 14cm girth           Qr         Turkish oak         Quercus cours         Heavy Standard tree 12- 14cm girth           Qc         Turkish oak         Quercus cours         Heavy Standard tree 12-	G1       Species rich flowering meadow sward established through seeding.         G2       Species rich tussock grass flowering meadow established through seeding.         W1 to W4       Proposed woodland planting, see specification for species sies and mixes.         H1 to H4       Proposed native hedge planting, see specification for species sies and mixes.         S1 to S7       Proposed native serve planting, see specification for species sies and mixes.         P1 and P2       Ponds, see specification for marginal planting.	STATERA	CULHAM BATTERY ENERGY STORAGE SYSTEM
			DATE         17 January 2024           SCALE         1 : 1,000 @ A3           DWG No         515_PP_05           APPROVED         CMcD	TITLE PLANTING PLAN SHEET 5 of 5

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	EET 1 SHEET 2 SHEET 2		SHEET S SHEET S SHEET S SHEET 4 SHEET 4 SHEET 4 SHEET 1 SHEET MAP SCALE 1 : 10,	
) 5 10 SCALE 1:1,000	25	50m		