

LAND AT NORTH CRAY ROAD, ENERGY STORAGE SYSTEM

LANDSCAPE, TOWNSCAPE AND VISUAL IMPACT ASSESSMENT LTVIA PART 4 OF 5



Prepared for Net Zero Thirty Two Limited
April 2025

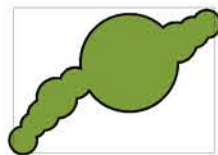


LEGEND



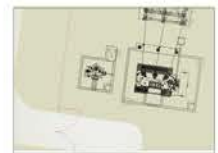
Site

Existing



Existing vegetation retained and positively managed

Proposed



Proposed energy storage facility and associated access. All new tree and shrub planting to be 10m from equipment



Emorsgate EM4 Wildflower Meadow Mixture or similar and approved



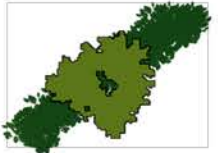
Area retained and left to regenerate for badgers



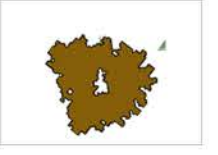
Groups of native fruit trees for badgers
Mix to include
Malus sylvestris (Crab Apple) and *Prunus avium* (Wild Cherry).
1+1 Bare Root



Proposed 10m wide native tree belt with understorey planting.
Tree mix to include (1+1 transplant - bare root):
Quercus petraea (Sessile Oak)
Betula Pendula (Silver Birch)
Acer Campestre (Field Maple)
Salix fragilis (Crack Willow)



Proposed native hedgerow with trees
Hedgerow species (40-60cm) to include:
Acer campestre 25%
Corylus avellana 28%
Crataegus monogyna 30%
Ilex aquifolium 7%
Viburnum opulus 10%
Tree species (3m height) to include:
Acer campestre
Betula pendula



Proposed native trees:
Betula Pendula (Silver Birch) Up to 4m in height.



Proposed 3m wide native scrub understorey planting.
Mix to include (1+1 transplant - bare root):
Prunus avium (wild cherry)
Ilex aquifolium (Holly)
2L container
Corylus avellana (Hazel)
Prunus spinosa (Blackthorn)

Note: All plants UK sourced and from a supplier adhering to biosecurity regulations. All planting areas to include a 75mm mulch.

RHLA LTD

Landscape Planning Consultancy

CLIENT

NET ZERO THIRTY TWO LIMITED

PROJECT

NORTH CRAY ROAD ESS

TITLE

ILLUSTRATIVE LANDSCAPE MASTERPLAN

DRAWN BY

JFG

CHECKED BY

RH

SCALE @ A1

1:1000

DATE

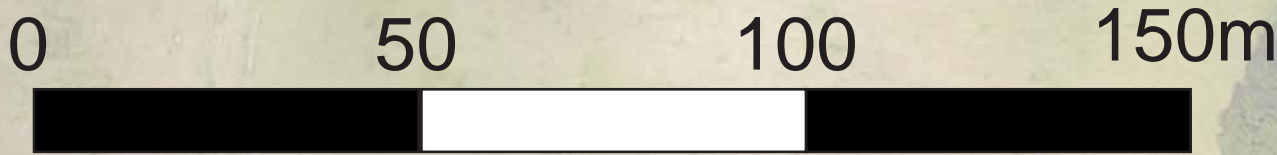
10/03/2025

PROJECT NO.

NCRD/001

DRAWING NO.

FIGURE 12



North Cray Road ESS - Planting Schedule

To be read in conjunction with Figure 12 - Illustrative Landscape Masterplan

All plants UK sourced and from a supplier adhering to biosecurity regulations. All planting areas to include a 75mm mulch.

(Locally sourced plants where possible)

Hedgerow Mixes							
Native Hedgerow							
%	Latin name	Common name	Specification	Height (cm)	Density /lm	Linear metres	Quantity
25	Acer campestre	Field Maple	2L. 1+2; Transplant - seed raised; 2 breaks	40-60	5	270	337.5
28	Corylus avellana	Hazel	2L. 1+2; Transplant - seed raised; 2 breaks	40-60	5	270	378
30	Crataegus monogyna	Hawthorn	2L. 1+2; Transplant - seed raised; 2 breaks	40-60	5	270	405
7	Ilex aquifolium	Holly	2L. 1+2; Transplant - seed raised; 2 breaks	40-60	5	270	94.5
10	Viburnum opulus	Guelder Rose	2L. 1+2; Transplant - seed raised; 2 breaks	40-60	5	270	135
						Total	1350

Native Hedgerow - Individual trees

%	Latin name	Common name	Specification	Height (cm)	Density /lm	Quantity	Linear Metres
						270	
50	Acer campestre	Field Maple	Heavy Standard - Rootballed	250-300	N/A	18	
50	Betula Pendula	Silver Birch	Heavy Standard - Rootballed	250-300	N/A	18	
						Total	36

Proposed 10m Native Tree Belt							
Planting Mixes							
%	Latin name	Common name	Specification	Pot Size	Density /m2	Quantity	Area (m2)
						2653	
25	Acer campestre	Field Maple	1+1 Transplant	BR	4	2653	
25	Betula pendula	Silver Birch	1+1 Transplant	BR	4	2653	
30	Quercus petraea	Sessile Oak	1+1 Transplant	BR	4	3184	
20	Salix fragilis	Crack Willow	1+1 Transplant	BR	4	2122	
						Total	10612

Proposed Native Trees							
Planting Mixes							
%	Latin name	Common name	Specification	Pot Size	Density /lm	Quantity	Linear metres
100	Betula pendula	Silver Birch	Heavy Standard - Rootballed - 400cm	BR	N/A	5	41
						Total	5

Proposed Native Fruit Trees							
Planting Mixes							
%	Latin name	Common name	Specification	Pot Size	Density /lm	Quantity	
50	Malus sylvestris	Crab Apple	1+1 Transplant	BR	N/A	3	
50	Prunus avium	Wild Cherry	1+1 Transplant	BR	N/A	3	
						Total	6

Proposed Native Scrub/Understorey Planting							
Planting Mixes							
%	Latin name	Common name	Specification	Pot Size	Density /m2	Quantity	Area (m2)
						634	
25	Corylus avellana	Hazel	1+1 Transplant	BR	5	793	
25	Ilex aquifolium	Holly	1+1 Transplant	BR	5	793	
30	Prunus avium	Wild Cherry	1+1 Transplant	2L	5	951	
20	Prunus spinosa	Blackthorn	1+1 Transplant	2L	5	634	
						Total	3170

Wildflower Meadow Mix			
Planting Mixes			
%	Latin name	Specification	Area (m2)
100	Emorsgate EM4 - Wildflower Meadow Mix	4g per m2	33988

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PROJECT

NORTH CRAY ROAD ESS

TITLE

PROPOSED PLANTING SCHEDULE

DRAWN BY

JFG

CHECKED BY

RH

SCALE @ A3

N/A

DATE

20/03/2025

PROJECT NO.

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FIGURE 13

REV.