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**KEY**

**CONSTRAINTS/ FEATURES**

- Site boundary
- Land under applicants control
- Existing overhead power lines
- Public Right of Way (PRoW)
- Bridleway
- On-ground walked PRoW Route
- Existing vegetation with RPA retained and maintained to existing levels - refer to BHA 5598
- Existing woodland buffer
- Existing vegetation to be removed
- Existing dead vegetation not recorded in tree survey BHA 5598
- Existing watercourse
- Existing contours
- Private woodland
- Existing telecom mast

**HARD LANDSCAPE PROPOSALS**

- Deer Fence
- Palisade Fence
- Solar Panel Tables
- Access Track
- Central Inverter
- Battery Storage Containers

**SOFT LANDSCAPE PROPOSALS**

- Battery Storage Inverter
- Auxiliary Transformer
- Solar Connection Infrastructure
- CCTV / Lighting Post
- Water storage tank & pump
- Grid connection cable route
- Proposed New Hedgerow Planting Generally maintained at c. 3m height
- Proposed Copse Planting including scattered small scale individual trees amongst matrix of tree and understorey shrub planting
- Proposed Woodland Planting including scattered large scale individual trees amongst matrix of tree and understorey shrub planting
- Proposed Native Large Scale Tree Planting (Field Maple & English Oak)
- Proposed Native Small Scale Tree Planting (Hazel & Hawthorn)
- Proposed Willow Tree Planting Along Watercourse
- Grazing Seed Mix to Fenced Solar Panel Areas e.g. Emorgate EG26 - Standard Old Fashioned Grazing Mixture or similar sown at 4g/m2
- Wildflower Meadow Mix e.g. EM2 Standard General Purpose Meadow Mixture or similar sown at 4g/m2
- Wet Meadow Grassland e.g. Emorgate EM8 - Meadow Mixture for Wetlands or similar sown at 4g/m2
- Retained arable land managed for nesting skylark

**PROPOSED PLANTING SCHEDULE**

**PROPOSED TREE PLANTING**

Species	Common Name	Girth (cm)	Height (cm)	Form	Root condition
Acer campestre	Field Maple	6-8	250-300	2x; Light Standard; Clear Stem 150-175cm; 3 breaks	B
Corylus avellana	Hazel	-	200-250	2x; Feathered; 5 breaks	B
Crataegus monogyna	Hawthorn	-	200-250	2x; Feathered; 5 breaks	B
Quercus robur	English Oak	6-8	250-300	2x; Light Standard; Clear Stem 150-175cm; 3 breaks	B
Salix fragilis	Crack willow	6-8	250-300	2x; Light Standard; Clear Stem 150-175cm; 3 breaks	B

**PROPOSED WOODLAND PLANTING**

Trees to be planted at 1.8m centres (0.3/m2), shrubs to be planted at 1.2m centres (0.7/m2)

Species	Common Name	Mix (%)	Height (cm)	Form	Age/ Times transplanted	Root condition
<b>Trees (40%)</b>						
Acer campestre	Field Maple	3	120-150	2x; Feathered; 3 breaks	2x	B
Acer campestre	Field Maple	2	150-175	2x; Feathered; 3 breaks	2x	B
Acer campestre	Field Maple	1	200-250	2x; Feathered; 5 breaks	2x	B
Corylus avellana	Hazel	3	120-150	2x; Feathered; 3 breaks	2x	B
Corylus avellana	Hazel	2	150-175	2x; Feathered; 3 breaks	2x	B
Corylus avellana	Hazel	1	200-250	2x; Feathered; 5 breaks	2x	B
Malus sylvestris	Crab Apple	3	120-150	2x; Feathered; 4 breaks	2x	B
Malus sylvestris	Crab Apple	2	150-175	2x; Feathered; 4 breaks	2x	B
Malus sylvestris	Crab Apple	1	200-250	2x; Feathered; 5 breaks	2x	B
Crataegus monogyna	Hawthorn	2	120-150	2x; Feathered; 3 breaks	2x	B
Crataegus monogyna	Hawthorn	1	150-175	2x; Feathered; 4 breaks	2x	B
Crataegus monogyna	Hawthorn	1	200-250	2x; Feathered; 5 breaks	2x	B
Quercus robur	English Oak	8	120-150	2x; Feathered; 2 breaks	2x	B
Quercus robur	English Oak	6	150-175	2x; Feathered; 3 breaks	2x	B
Quercus robur	English Oak	4	200-250	2x; Feathered; 5 breaks	2x	B
<b>Shrubs (60%)</b>						
Acer campestre	Field Maple	7.5	60-80	Transplant	1+1	B
Corylus avellana	Hazel	10	60-80	Transplant; Branched; 2 breaks	1+1	B
Crataegus monogyna	Hawthorn	25	60-80	Transplant	1+1	B
Prunus spinosa	Blackthorn	10	60-80	Transplant; Branched; 2 breaks	1+1	B
Sambucus nigra	Elder	7.5	60-80	Transplant; Branched; 3 breaks	1+1	B

**PROPOSED COPSE PLANTING**

Trees to be planted at 2m centres, shrubs to be planted at 1m centres

Species	Common Name	Mix (%)	Height (cm)	Form	Age/ Times transplanted	Root condition
<b>Trees (40%)</b>						
Acer campestre	Field Maple	6.5	120-150	2x; Feathered; 3 breaks	2x	B
Acer campestre	Field Maple	2.5	150-175	2x; Feathered; 3 breaks	2x	B
Acer campestre	Field Maple	1	200-250	2x; Feathered; 5 breaks	2x	B
Betula pubescens	Downy Birch	7	120-150	2x; Feathered; 2 breaks	2x	B
Betula pubescens	Downy Birch	5	150-175	2x; Feathered; 3 breaks	2x	B
Betula pubescens	Downy Birch	3	200-250	2x; Feathered; 5 breaks	2x	B
Corylus avellana	Hazel	5	120-150	2x; Feathered; 3 breaks	2x	B
Corylus avellana	Hazel	2.5	150-175	2x; Feathered; 3 breaks	2x	B
Corylus avellana	Hazel	1	200-250	2x; Feathered; 5 breaks	2x	B
Malus sylvestris	Crab Apple	2	120-150	2x; Feathered; 4 breaks	2x	B
Malus sylvestris	Crab Apple	1	150-175	2x; Feathered; 4 breaks	2x	B
Malus sylvestris	Crab Apple	1	200-250	2x; Feathered; 5 breaks	2x	B
<b>Shrubs (60%)</b>						
Acer campestre	Field Maple	5	60-80	Transplant	1+1	B
Corylus avellana	Hazel	10	60-80	Transplant; Branched; 2 breaks	1+1	B
Crataegus monogyna	Hawthorn	25	60-80	Transplant	1+1	B
Prunus spinosa	Blackthorn	10	60-80	Transplant; Branched; 2 breaks	1+1	B
Sambucus nigra	Elder	10	60-80	Transplant; Branched; 3 breaks	1+1	B

**PROPOSED HEDGEROW PLANTING**

To be planted at 5 per linear metre in double staggered rows, rows will be 40cm apart or as appropriate where infilling gaps in existing hedgerows

Species	Common Name	Mix (%)	Height (cm)	Form	Age/ Times transplanted	Root Condition
Acer campestre	Field Maple	20	60-80	Transplant	1+1	B
Corylus avellana	Hazel	10	60-80	Transplant	1+1	B
Crataegus monogyna	Hawthorn	40	60-80	Transplant	1+1	B
Prunus spinosa	Blackthorn	20	60-80	Transplant	1+1	B
Sambucus nigra	Elder	10	60-80	Transplant	1+1	B

# OLD WOOD ENERGY PARK - ENHANCED LANDSCAPE STRATEGY

