

LANDSCAPE SPECIFICATION NOTES :

PROGRAMME

- Planting shall take place in the first available season after the completion of construction works, following any required soil spreading.
- It is expected that ground conditions and climate will allow for earlier planting（i.e. before January）, and this will allow the plants more time to establish a network of feeder roots before the onset of spring.
- Planting will not be carried out when the ground is wet/waterlogged or frost bound, or during periods of excessive cold drying winds or drought.
- All seeding will take place in mid-autumn, this is to ensure species such as Yellow Rattle have optimum conditions for germination

SOILS AND METHOD OF HANDLING

It is assumed that areas of proposed planting and seeding have sufficient suitable soils, due to the previous agricultural use of the Site. However, if prior to planting/seeding, soil condition is found to be unsuitable, for example due to compaction of the ground, or lack of sufficient topsoil for woodland planting（depth less than 300mm）, remedial works will be undertaken. These may include, but are not limited to, excavation of the areas and importation of additional topsoil, either from elsewhere on Site or if insufficient soil is available, topsoil will be imported from off site. Other works may include ripping the soils, or aeration using a fork for smaller areas or mechanically in larger areas.

All soil materials imported into the Site shall conform with the requirements of BS8601: 2013（in relation to subsoil）, and with BS3882: 2015（in relation to topsoil）. Topsoil shall be multipurpose top soil. Soil materials shall be handled and spread in accordance with the requirements of the same two BS documents.

Where necessary existing weeds, including any that sprout in the period between soil cultivation and seeding, will be manually removed by hand weeding or repeated cultivation, if that is not possible the area will be treated with a suitable herbicide as specified within *The Weed Control Handbook* by Natural England（June 2025）or hand-weeding. No use of chemicals within 10m from the top of ditches/pond will be undertaken.

Prior to grass seeding, the ground will be harrowed or raked to produce a medium tilth and rolled to produce a firm surface. However, if there are any areas which have suffered high soil compaction, for instance due to heavy machinery being deployed, these will be harrowed using a disc harrow to ensure the soil structure is suitable for subsequent sowing. If such a requirement arises to harrow with discs, caution will be exercised to ensure any underground services are not damaged during harrowing.

All extraneous matter such as plastic, wood, metal and stones larger than 50mm in any direction that come to the surface will be removed to ensure the ground is suitable for use with mowers. Any material removed shall be disposed of at a registered waste disposal facility.

PLANTING AND SEEDING

WOODLAND

- All areas of tree and shrub planting are to be ripped or cultivated as necessary prior to planting.
- Trees and shrubs will be of certified local provenance, seed zone 302, subject to availability
- Tree and shrub planting areas will be planted at 2m centres.
- Transplants will be planted in groups of 5-15 of each species with groups randomly mixed. Transplants will be notch planted into pits that will accommodate the roots comfortably, with minimum 75mm space outside the extent of the roots.
- Feathered trees will be planted separate to each other, distributed throughout the woodland, in pre-prepared pits.
- Plants to be watered to refusal no later than the end of the day planted and thereafter as required to ensure good establishment.
- All plants will be mulched and protected against rabbit browsing by use of appropriate biodegradable spiral guards provided with a cane suitable for the size of guard.
- After planting a 50mm layer of approved compost fine bark（nominal size 1-10mm） shall be spread at 1m diameter centered around each tree. Each tree and shrub station will be kept clear of grass and weed competition by chemical means until established. Any losses will be replaced within the first 10 years after planting, and thereafter if necessary sufficient to achieve minimum 85% stocking overall with no badly understocked gaps of more than 4 adjacent losses.

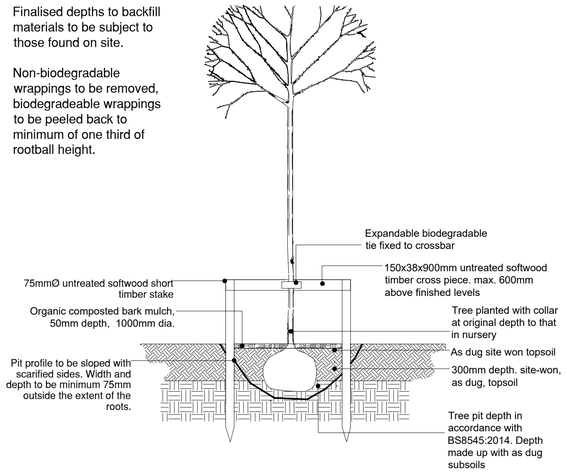
SEEDING

- Following soil preparation a fine seedbed will be prepared using agricultural equipment and this will be seeded and rolled to ensure good seed contact with the soil.
- Where possible, seed will be sown on bare earth. Where retention of existing grass is required, the existing grass will be raked and then cut short, exposing as much soil as possible prior to seeding.
- The seed will be surface sown by machine or broadcast by hand as appropriate to the area. The seed will be divided into two or more parts and sown in overlapping sections in two passes, perpendicular to each other. The seed will not be incorporated into the soil or covered, but firmed in with a roll, or by treading, to give good soil/seed contact.

DETAIL A: Illustrative Feathered Tree

Finalised depths to backfill materials to be subject to those found on site.

Non-biodegradable wrappings to be removed, biodegradeable wrappings to be peeled back to minimum of one third of rootball height.



PLANTING SCHEDULE:

Native Woodland Mix - 2m centres (1,889m²)					
% of Mix	Species	Common Name	Specification	Height	Number
5%	Acer campestre	Field Maple	2x:Feather:BR	175-200cm	24
5%	Alnus glutinosa	Alder	2x:Feather:BR	175-200cm	25
20%	Betula pendula	Silver Birch	2x:Feather:BR	175-200cm	94
6%	Rosa canina	Dog Rose	1+1:Transplant:BR	60-80cm	28
6%	Corylus avellana	Hazel	1+1:Transplant:BR	60-80cm	28
7%	Crataegus monogyna	Hawthorn	1+1:Transplant:BR	60-80cm	33
20%	Prunus avium	Wild Cherry	1+1:Transplant:BR	60-80cm	94
20%	Quercus robur	English Oak	1+1:Transplant:BR	60-80cm	94
5%	Malus sylvestris	Crab Apple	1+1:Transplant:BR	60-80cm	24
6%	Viburnum opulus	Guelder Rose	1+1:Transplant:BR	60-80cm	28
				Total:	472

Species-Rich Grassland (9,364m²)			
Seed Mix Name	Seed Mix Supplier	Sowing Rate	Weight (kg)
EM2 Standard General Purpose Meadow Mixture	Emorsgate	40kg/ha	200

- Site Boundary
- Retained Existing Vegetation
- Overhead Powerline, and 3m offset
- Roman Road, and 5m offset
- Dry Stone Wall (retained)
- Native Woodland Planting
- Species-rich Grassland
- Stock-proof Fence (2.4m high)
- Acoustic Fence (2.4m high)
- Bat Box (Large Colony Bat Box: www.nhbs.com)
- Bird Box (1 no. Vivara Pro Seville 28mm, and 2 no. Vivara Pro Seville 32mm: www.nhbs.com)
- Reptile Hibernaculum (refer to the Landscape and Ecology Management and Maintenance Plan for construction details)

Refer to the scheme prepared to discharge Condition 3 of planning permission HPK/2024/0467 for details of all hard landscape features, including fencing.

Refer to the Landscape and Ecology Maintenance and Management Plan (LEMMP) for details of management and maintenance measures following implementation

Refer to the LEMMP for further details regarding bat boxes, bird boxes and hibernacula.

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Client
GRENERGY

Project
Buxton Road BESS

Drawing Title
Landscape Plan

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revision: **B** desc: **Individual trees removed** date: **07-07-26**

0 10 20 30 40 50 100m