



Plant schedule - Native Hedgerow Shrub Mix:

Common Name	Botanical Name	Size (cm)	Type	Shelter	Total
Pedunculate oak	<i>Quercus robur</i> (Qr)	8-10 girth	Rootball	Staked only	14
Field Maple	<i>Acer campestre</i> (Ac)	8-10 girth	Rootball	Staked only	3
Rowan	<i>Sorbus aucuparia</i> (Sa)	8-10 girth	Rootball	Staked only	11
Silver birch	<i>Betula pendula</i> (Bp)	8-10 girth	Rootball	Staked only	3
Gean	<i>Prunus avium</i> (Pa)	8-10 girth	Rootball	Staked only	9
Total:					40

Plant schedule - Tree Planting:

Common Name	Botanical Name	Size (cm)	Type	Shelter	% Mix	Quantity	Total
						H1	H2
Hedgerow Mix:						84	101
Length (m):						9	185
Plants per metre:						9	
Hawthorn	<i>Crataegus monogyna</i>	40-60h	Transplant	600mm Mesh Guard	60	454	545
Field Maple	<i>Acer campestre</i>	40-60h	Transplant	600mm Mesh Guard	15	113	136
Hazel	<i>Corylus avellana</i>	40-60h	Transplant	600mm Mesh Guard	5	38	45
Guelder rose	<i>Viburnum opulus</i>	40-60h	Transplant	600mm Mesh Guard	5	38	45
Holly	<i>Ilex aquifolium</i>	30-40h	3Ltr+ Container	600mm Mesh Guard	5	38	45
Spindle	<i>Euonymus europaeus</i>	40-60h	Transplant	600mm Mesh Guard	5	38	45
Dog Rose	<i>Rosa canina</i>	40-60h	Transplant	600mm Mesh Guard	5	38	45
Total					100%	756	909

Maintenance Schedule:

Item	Month (Annually)									
	J-A	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Wildflower Grassland Maintenance										
Grass cuts to wildflower areas and remove arisings (100mm height)										
Checks for invasive, noxious or notifiable weeds and remove/treat in accordance with species encountered										
Planting Areas Maintenance										
Maintain 1m wide weed-free circle around young plants and along hedgerows via minimum 3 herbicide applications/hand weeding										
Weed eradication using herbicide and physical methods in grassland areas as appropriate for species of weed										
Grass cuts to ground vegetation within planting compartments areas to 75mm height										
Refrim plants and shelters, prune plants to remove dead or dying shoots and also suckers to favour leading shoot										
Replacement of plant failures and guards/stakes as required to maintain original stocking										
Undertake formative pruning as required and as appropriate for plant species										

General Notes:

Soil
All topsoil and landscaping medium will be in accordance with BS 3882 2015. Grass areas minimum 150mm depth and tree and shrub areas min 500mm depth (plus 500mm minimum of rootable subsoil). Soil Ameliorants - to be applied to all newly planted areas. Seasure Soilbuilder or similar approved - incorporate approx 1.5kg per m2 of backfill and 70g/m2 to shrub beds, or as per manufacturers instructions. Granular Slow Release Fertiliser (Scotts Enmag 4-19-10+7.5Mg+3.4%S) or similar approved to be applied as per manufacturer's instructions.

Plant Stock
All plant material to be as specified in the Plant Schedules. All plant material to be in accordance with BS 3936 Part 1 (1992), 'Nursery Stock Specification for Trees and Shrubs', BS3936 Part 10: 1990 'Nursery Stock Specification for Ground-cover Plants', BS3969 1998 'Recommendations for Turf for General Purpose' and 'Handling and Establishing Landscape Plants' HTA 1985, revised edition March 2002. Any stock planted outside the recognised planting season to be containerised. Containerised plant stock to have fully developed root system within the specified pot size. Where growing-on in the nursery is necessary all plant material is to be re-potted to the next approved pot size, re-spaced to allow for 15-20% growth per growing season, and maintained to healthy vigorous growth irrespective of weather conditions.

Planting - Proposed Tree and Shrub Areas
All planting areas to be weed free prior to planting. Allow for application of approved translocated systemic herbicide in line with 1997 Control of Pesticide Regulations and 2003 COSHH. All beds to be thoroughly forked over or rotovated to a minimum depth of 400 mm, ensuring that the subgrade and topsoil are both free draining. All planting beds to be 90mm below adjacent grass/hard surfaces. Where grass is proposed, soil levels to be 10mm below or flush with adjacent surfaces.

Individual Tree Planting
Trees to be planted into prepared tree pits, backfilled with topsoil/soil ameliorants as above.

Container grown:
6-10cm girth: 900mm diam. x 750mm depth
10-18cm girth 1200mm diam. x 900mm depth

Rootballed trees:
Tree pit diameter to be 500mm greater than rootball, wide enough to accommodate roots when fully spread. Depth of all tree pits to be 150mm greater than depth of rootball /container and backfilled with 150mm layer of approved drainage gravel. Base and sides of all pits to be roughened to allow root penetration. Works to be in accordance with BS 4043:1989 Transplanting root-balled trees. Where trees are planted within grassland, they shall have a 1000mm diameter circle around the base of the trunk to be maintained free from grass and spread with 75mm mulch. All trees to be watered-in when planted with a minimum 54L, and then on a weekly basis for the duration of the 12 Month Maintenance Period, except when the weather conditions are very wet.

Tree Stakes: Bareroot trees up to 12-14cm. girth to be single staked - stakes well driven into the ground minimum 300mm into bottom of tree pit. Stakes to be pressure treated, round (75cms diameter) peeled, smooth larch or similar. Trees to be secured with plastic/rubber proprietary tree tie, nailed to the stake. All rootballed trees and bareroot trees 14-16mm girth or larger shall be double staked, 2no.100mm diameter stakes required. All stakes to be pointed at one end, extending above ground by 1/3 of the height of the ground to 1st branch.

Native Tree and Shrub Planting
All feathered trees and whips to be planted in prepared pits 600x600x600mm for feathered trees, and 300x300x300mm for whips. Pits to be backfilled with topsoil/soil ameliorants as above. All plants to be well firmed. Feathered trees to be single staked. All trees to be fitted with proprietary rabbit guards.

Shrubs to be planted in pits 150mm wider and deeper than their root spread. Pits to be backfilled with a mixture of topsoil/soil ameliorants as above. Plants to be a minimum of 300mm from any adjacent hard surface or structure. Where not protected by rabbit netting, shrubs to be fitted with proprietary rabbit guards.

Grass Areas
Topsoil for grassed areas to be prepared to a fine tilth, all stones over 50mm removed, and firmed to achieve a level surface. Grass seeding to comply with BS 4428. Water all grass areas to maintain healthy growth.

Following soil preparation all areas to be sown with grass seed mixes as identified on this drawing at a rate of 5g/m2.

Maintenance - See schedule.

Legend:

- Proposed Development
- Existing trees and vegetation
- Existing grassland areas
- Proposed native hedgerow planting mix
- Proposed areas of grass seed mixes
- Proposed tree planting
- Proposed aggregate access track
- Proposed 2.0m high security fencing

H1
G1

Consultant:

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Client:

Boom Power Ltd

Site:

MISSLEBROOK - BESS

Drawing Title:

ILLUSTRATIVE LANDSCAPE MASTERPLAN

Date:

09 Nov 2022

Scale:

1:500

Paper Size:

A2 (594x420 mm)

Drawn By:

IS

Checked By:

-

Status:

Draft v1.1

Final Revision:

-

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CE-MH2164-ADW02 - Draft v1.1

Drawing No: / Client Ref:

Figure 2