

**Plant schedule - Tree Planting:**

Common Name	Botanical Name	Size (cm)	Type	Shelter	% Mix	N1	N2	N3	N4	N5	Total
Pedunculate oak	Quercus robur	12-14 girth	Rootball	Staked only							34
Field Maple	Acer campestre	10-12 girth	Rootball	Staked only							18
Rowan	Sorbus aucuparia	10-12 girth	Rootball	Staked only							16
Silver birch	Betula pendula	8-10 girth	Rootball	Staked only							13
Gaan	Prunus avium	8-10 girth	Rootball	Staked only							14
<b>Total:</b>											<b>85</b>

**Plant schedule - Native Shrub Mix:**

Common Name	Botanical Name	Size (cm)	Type	Shelter	% Mix	N1	N2	N3	N4	N5	Total
<b>Tree and Shrub Woodland Mix (Small Compartments):</b>											
Centres (m)											
						1.5	1.5	1.5	1.5	1.5	4.04 m <sup>2</sup>
Pedunculate oak	Quercus robur	60-90	Transplant	600mm Tree guard		20	138	97	111	38	391
Field Maple	Sorbus aucuparia	60-90	Transplant	600mm Tree guard		10	69	49	56	18	196
Rowan	Prunus avium	60-90	Transplant	600mm Tree guard		5	34	24	28	9	98
Gaan	Betula pendula	60-90	Transplant	600mm Tree guard		10	69	49	56	18	196
Silver birch	Quercus petraea	60-90	Transplant	600mm Tree guard		5	34	24	28	9	98
Sessile Oak	Corylus avellana	60-90	Transplant	600mm Shrub guard		15	103	73	83	27	234
Hazel	Ilex aquifolium	60-90	51+ Container	600mm Mesh guard		10	69	49	56	18	196
Holly	Chamaecyparis	60-90	Transplant	600mm Shrub guard		25	172	121	139	45	489
Hawthorn						<b>Total:</b>	<b>100</b>	<b>689</b>	<b>486</b>	<b>556</b>	<b>1,937</b>

**Plant schedule - Woodland Mix:**

Common Name	Botanical Name	Size (cm)	Type	Shelter	% Mix	Species Group	Plant Numbers	Total		
<b>Tree (T) and Shrub (S) Woodland Mix (Large Compartments):</b>										
						Centres (m)	W1	W2	W3	Total
							2,750 m <sup>2</sup>	1,225 m <sup>2</sup>	2,750 m <sup>2</sup>	6,725 m <sup>2</sup>
Pedunculate oak	Quercus robur	60-90	Transplant	600mm Tree guard	15	6-10	103	46	103	267
Field Maple	Acer campestre	60-90	Transplant	600mm Tree guard	5	3-6	34	15	34	89
Rowan	Sorbus aucuparia	60-90	Transplant	600mm Tree guard	10	6-10	69	31	69	178
Gaan	Prunus avium	60-90	Transplant	600mm Mesh guard	5	3-6	34	15	34	89
Silver birch	Betula pendula	60-90	Transplant	600mm Shrub guard	10	6-10	69	31	69	178
Goat willow	Salix caprea	60-90	Rooted cutting	600mm Mesh guard	3	3-6	21	9	21	51
Hawthorn	Crataegus monogyna	60-90	Transplant	600mm Tree guard	15	6-10	103	46	103	267
Hazel	Corylus avellana	60-90	Transplant	600mm Tree guard	10	6-10	69	31	69	178
Blackthorn	Prunus spinosa	60-90	Transplant	600mm Tree guard	2	1-3	14	6	14	36
Dogwood	Cornus sanguinea	60-90	Transplant	600mm Mesh guard	2	1-3	14	6	14	36
Holly	Ilex aquifolium	60-90	3Ltr+ Container	600mm Shrub guard	5	3-6	34	15	34	89
Dog Rose	Rosa canina	60-90	Transplant	600mm Mesh guard	2	1-3	14	6	14	36
Field Rose	Rosa arvensis	60-90	Transplant	600mm Mesh guard	2	1-3	14	6	14	36
Gorse	Ulex europaeus	60-90	3Ltr+ Container	No Guard	2	1-3	14	6	14	36
Broom	Cytisus scoparius	60-90	3Ltr+ Container	600mm Mesh guard	2	1-3	14	6	14	36
<b>Total:</b>					<b>100%</b>		<b>688</b>	<b>306</b>	<b>688</b>	<b>1,761</b>

**Maintenance Schedule:**

Item	J-A	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Wildflower Grassland Maintenance</b>									
Grass cuts to wildflower areas and remove arisings (100mm height)									
Checks for invasive, noxious or notifiable weeds and removal/treat in accordance with species encountered									
<b>Planting Areas Maintenance</b>									
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									
Reform plants and shelters, prune plants to remove dead or dying shoots and also suckers to favour leading shoot									
Replacement of plant failures and guards/slates as required to maintain original stocking									
Undertake formative pruning as required and as appropriate for plant species									

**Plant Stock**  
All plant material to be as specified in the Plant Schedules. All plant material to be in accordance with BS 3836 Part 1 (1992) 'Nursery Stock Specification for Trees and Shrubs'. BS 3836 Part 10 (1990) 'Nursery Stock Specification for Ground-cover Plants'. BS 3969 (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 in 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 rotavated 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.

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 5L, and then on a weekly basis for the duration of the 12 Month Maintenance Period, except when the weather conditions are very wet.

**Woodland 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.

**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.

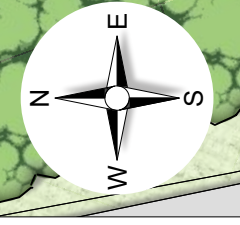
**Grass Areas**  
Topsoil for grassed areas to be prepared to a fine tilth, all stones over 50mm removed, and firmed to achieve a level surface. Grass seeding to comply with BS 4428. Water all grass areas to maintain healthy growth.

Following soil preparation all areas to be sown with grass seed mixes as identified on this drawing at a rate of 5g/m<sup>2</sup>.

**General Notes:**

**Existing Vegetation**  
All trees and hedges which are shown for retention shall be protected in accordance with guidance in BS 5837:2012 - 'Trees in Relation to Construction'. Any tree surgery required shall also be in accordance with BS 3998:2010.

**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. Seaweed Soilbuilder or similar approved - incorporate approx 1.5kg per m<sup>2</sup> of backfill and 70g/m<sup>2</sup> to shrub beds, or as per manufacturer's instructions. Granular Slow Release Fertiliser (Scotts Enmag 4-15-10+7.5Mg+3.4%S) or similar approved to be applied as per manufacturer's instructions.



D	31/03/24	Check of planting increased	IS	NB
E <td>02/12/23</td> <td>Layout Plan <th>IS</th> <th>NB</th> </td>	02/12/23	Layout Plan <th>IS</th> <th>NB</th>	IS	NB
G <td>03/07/23</td> <td>Additional Planting at LPA request <th>IS</th> <th>NB</th> </td>	03/07/23	Additional Planting at LPA request <th>IS</th> <th>NB</th>	IS	NB
A <td>29/06/23</td> <td>Woodland areas included <th>IS</th> <th>NB</th> </td>	29/06/23	Woodland areas included <th>IS</th> <th>NB</th>	IS	NB

Final Review: Date: Description: By: Chk:

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Client:  
**Boom Power Ltd**

Site: **MISSLEBROOK - BESS**  
 Drawing Title: **ILLUSTRATIVE LANDSCAPE MASTERPLAN**  
 Date: 31 Jan 2024  
 Scale: 1:750  
 Project Size: A2 (594x420 mm)  
 Drawn By: IS  
 Checked By: Final  
 Status: Final  
 Drawing No: / Client Ref: CE-MH2164-ADW024 - Final  
 Figure 2