

PLANTING SCHEDULE					
Trees					
Qty	Code	Botanical Name	Girth	Height cm	Root Condition
88	Ac	Acer campestre	16-18cm	450/625	RB Extra Heavy Standard
31	Ace	Acer campestre 'Elsrijk'	14-16cm	425/600	RB Extra Heavy Standard
12	AcG	Acer griseum	14-16cm	425/600	RB Extra Heavy Standard
119	Ag	Alnus glutinosa	12-14cm	350/425	RB Heavy Standard
18	Am	Amelanchier lamarckii	14-16cm	425/600	RB Extra Heavy Standard
17	Bj	Betula utilis 'Jaquemontii'	14-16cm	425/600	RB Extra Heavy Standard
113	Bp	Betula pendula	12-14cm	350/425	RB Heavy Standard
64	Cb	Carpinus betulus	14-16cm	425/600	RB Extra Heavy Standard
27	Cf	Carpinus betulus 'Frans Fontaine'	14-16cm	425/600	RB Extra Heavy Standard
11	Fs	Fagus Sylvatica	16-18cm	450/625	RB Extra Heavy Standard
55	Pa	Prunus avium	14-16cm	425/600	RB Extra Heavy Standard
26	Pn	Pinus nigra	14-16cm	425/600	RB Extra Heavy Standard
71	Pp	Prunus padus	12-14cm	350/425	RB Heavy Standard
21	Pc	Pyrus calleryana 'Chanticleer'	14-16cm	425/600	RB Extra Heavy Standard
29	Ps	Prunus spire	14-16cm	400-450	RB Extra Heavy Standard
36	Psb	Prunus 'Sunset Boulevard'	14-16cm	400-450	RB Extra Heavy Standard
80	Qr	Quercus robur	14-16cm	425/600	RB Extra Heavy Standard
36	Sx	Salix alba	14-16cm	425/600	RB Extra Heavy Standard
16	Sc	Salix caprea	12-14cm	350/425	RB Heavy Standard
8	Sal	Sorbus aria 'Lutescens'	14-16cm	425/600	RB Extra Heavy Standard
100	Sa	Sorbus aucuparia	12-14cm	350/425	RB Heavy Standard
43	Tc	Tilia cordata 'Green Spire'	16-18cm	450/625	RB Extra Heavy Standard

Semi Mature Trees					
Qty	Code	Botanical Name	Girth	Height cm	Root Condition
24	AcS	Acer campestre	25-30cm	500-550	RB Semi Mature
21	AgS	Alnus glutinosa	25-30cm	550-600	RB Semi Mature
16	BpS	Betula Pendula	25-30cm	550-600	RB Semi Mature
30	BJS	Betula utilis 'Jaquemontii'	25-30cm	550-600	RB Semi Mature
6	FspS	Fagus Sylvatica 'Purpurea'	25-30cm	500-550	RB Semi Mature
98	QrS	Quercus robur	25-30cm	550-600	RB Semi Mature

INSTANT MIXED NATIVE HEDGES			
Code: IMNH			
Total Length On Site = 577 Lin M			
No. of planter bags	Approx % Mix	Species	Specification
577	IMNH	Instant Mixed Native Hedge	Mixed Native hedge supplied in 1m wide planter bags as a mature clipped instant hedge to a minimum height of 1.5m.
115	20	Carpinus betulus	
58	10	Cornus Sanguinea	
115	20	Corylus avellana	
115	20	Crataegus monogyna	
58	10	Ilex aquifolium	
115	20	Prunus spinosa	

HEDGES					
Length (Lin M)	No. Of Plants	Code/Species	Size in cm	Root / Pot size	Density / Spacing
527	2635	H1 Fagus Sylvatica	60-90	B	5no. Linear m
513	2565	H2 Crataegus monogyna	60-90	B	5no. Linear m
410	2050	H3 Carpinus betulus	60-90	B	5no. Linear m
61	183	H4 Prunus Lusitanica	60/90	5L Pot	3no. Linear m

Native Whip Planting (random mix 1 per m ²)					
Total Area On Site (m ²)					
7159					
%Mix	Qty.	Botanical Name	Size in cm	Root Cond.	Density / Spacing
20	1432	Crataegus monogyna	60-90	B	1/m ²
7.5	537	Quercus robur	60-90	B	1/m ²
2.5	179	Quercus petraea	250/300	B	1/m ²
5	358	Lonicera periclymenum	60-90	2L	1/m ²
2.5	179	Carpinus betulus	60-90	B	1/m ²
2.5	179	Carpinus betulus	175/200	B	1/m ²
10	716	Salix caprea	60-90	B	1/m ²
5	358	Sorbus aucuparia	60-90	B	1/m ²
10	716	Corylus avellana	60-90	B	1/m ²
10	716	Corylus avellana	175/200	B	1/m ²
5	358	Rosa canina	60-90	B	1/m ²
2.5	179	Betula pendula	60-90	B	1/m ²
2.5	179	Betula pendula	175/200	B	1/m ²
15	1074	Viburnum opulus	60-90	B	1/m ²

Marginal Planting			
Total Area On Site			
7650m ²			
Mix	Area (m2)	Description	Sowing Rate (g/m ²)
MM01	6303	Pond Edge Mixture 100% Seed Emorsgate Seeds Mix EP1	To suppliers recommendations.
MM02	1758	Pond Edge Mixture with Reeds 80% Seed Emorsgate Seeds Mix EP1	To suppliers recommendations.
	1406.4	Interplanted with Phragmites australis to 1M margin of pond Assume 20% Coverage	Phragmites australis in a 0.7L Pot Plant at 1M Centres

Grass / Wildflower Planting			
Total Area On Site			
53504m ²			
Mix	Area (m2)	Seed Mix Specification	Sowing Rate (g/m ²)
WM1	1689	Wildflower Meadow Mix Emorsgate Seed Mix EM3	To suppliers recommendations.
WM2	704	Wildflower and Tussock Mix Emorsgate Seed Mix EM10	To suppliers recommendations.
WM3	2909	Wildflower Grasses Riparian Mix Emorsgate Seed Mix EP1F	To suppliers recommendations.
WFG20	48202	Eco Species Rich Lawn Germinal Mix WFG20	To suppliers recommendations.

SPECIFICATION NOTES

1. General

This plan to be read in conjunction with the following documents:

- Arboricultural report
- Ecology report
- PGLA Planting Plan Drawings PP01 SERIES

2. General Landscaping

Existing levels to be preserved around retained existing trees and vegetation. Existing trees and vegetation to be retained are to be protected in accordance with BS5837:2012 during construction. Proposed planting under existing trees subject to sufficient space in root areas.

3. Preparation of Planting Beds

- Rubbish, concrete, metal, glass, decayed vegetation are to be removed and disposed of offsite.
- Stones with the largest dimension exceeding 40mm are to be removed from planting beds and disposed of off-site.
- Substances injurious to plant growth including subsoil, rubble, fuel and lubricants should be removed and disposed of off-site.
- Remove any existing weed growth.
- Areas of large root are to be grubbed up without undue disturbance of surrounding soil and adjacent areas.
- All site preparation, planting and maintenance to comply with BS 4429

4. Topsoil

Imported topsoil to be a good quality loam to BS 3882:2015. All topsoil areas shall be thoroughly cultivated by hand or suitable machinery to the full depth of the topsoil layer, incorporating ameliorant's as specified and/or as indicated by analysis and/or as directed by the Landscape Architect. Hand cultivation's shall be carried out to achieve the required finish on areas where machine cultivation is impossible i.e adjacent to kerbs, manholes and footpath junctions etc. Surplus plant matter, rubbish and surface stones having any dimension greater than 25 mm shall be collected and removed from the site. Existing topsoil to be stripped and re-used if suitable as per specification. All work to be carried out in line with BS 3882:2015 and DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (2009). Refer to Landscape Soils and Specification.

5. Plants

General plant stock to conform to BS 3936, advanced nursery stock and planting to BS 4428. Plants shall be first class examples of their species or variety, free from all pests and diseases, with good fibrous root systems and materially undamaged (refer to relevant sections of BS3936 Parts 1-4 'Specification of Nursery Stock'). All planting operations to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'. Carry out all planting while soil and weather conditions are suitable. Do not plant during periods of frost or strong winds. Plant only during the following periods:

- Container grown and root ball plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided
- Bare Root stock to be planted November to March.

All plants to be planted in cultivated planting beds at densities shown in plant schedule, in pits of min. size 0.3m x 0.3m x 0.3m deep so as to accommodate full root spread, backfilled with 80% clean topsoil and 20% compost and 20g granular fertilizer. All shrub beds to be in min. 450mm good quality, well prepared topsoil. See Plant Schedule for species palette. Bed composition, arrangement and setting-out to be approved by Landscape Architect before work commences. Topsoil depth to be 450mm for shrub planting and 150mm for grass. Native Hedgerow - Stock to be planted in double rows at 5 per linear metre. 600mm spiral rabbit guards to be used supported by 900mm bamboo canes. To be kept free of weeds during establishment using secured mulch matting. Bare root plants to be notch planted to depth of root collar in accordance with BS4428.

6. Trees

Trees shown on plan to be planted with species as labelled or similar approved. Do not substitute species, variety and form or reduce the specified number/density of plants without prior agreement. Note sizes shown are minimum. All trees to be planted in pits 1m x 2m x 1m deep, backfilled with 80% clean topsoil with 15% peat free tree and shrub planting compost and 5% Tree Growth Enhancer 'GroChar', including 100g granular fertilizer. Base of pit to be filled with a Terram Geotextile layer on 150mm drainage layer consisting of 20mm nominal size free draining pea gravel. Water-in heavily after planting and surface bark chippings 75mm depth. All trees, apart from Semi Mature, to be triple staked with timber cross bar and soft ties. Any necessary tree works are to be carried out by an approved tree surgeon to BS 3998. All trees to be protected with 600mm spiral rabbit guard. Semi Mature trees to be fixed with underground guys. Trees planted in grass lawn to be set in bare earth squares 1m diameter around tree trunk with bark mulch to 75mm depth after planting. All work to be carried out in line with BS 3882:2015 and DEFRA Construction Code of Practice for the Sustainable Use of Soils on Construction Sites (2009).

7. Seed mix

Follow manufacturers guidance on ground preparation, sowing and management for the marginal planting and wildflower planting.

8. Mulch

All planting areas and tree pits to be mulched with 75mm (settled depth) bark mulch. Sample of mulch to be approved by Landscape Architect.

9. Grass

Turfing shall be carried out during appropriate seasons and while soil and weather conditions are suitable for the relevant operations. Hand tools shall be used around trees, plants and in confined spaces where it is impractical to use machinery. The soil shall be weed free prior to turfing. Turf shall be laid on prepared, levelled soil (minimum 150mm depth) in the areas indicated on the drawings and laid in accordance with BS 3969:1998+A1:2013.

10. Replacement of trees and Boundary vegetation

The contractor shall replace all plants/trees that have failed to thrive (show growth or display foliage) during the growing season after planting (including plants damaged during maintenance operations). Replacements to match original specification or similar size/species approved by the Landscape Architect. In particular, if any of the boundary vegetation, including those marked for retention, are to be replaced with similar size and species if they die within 5 years. Generally, any boundary vegetation that dies within the 5 year period will be replaced with native hedges and trees.

OUTLINE MAINTENANCE NOTES

1. General

- Detailed maintenance proposals to be included in the site Landscape Management Plan. Plan to be developed at detail design stage to cover the post defects liability period.
- All Maintenance operations to be carried out by fully qualified landscape maintenance operatives.

2. Specimen Trees

All specimen tree planting to be maintained in accordance with BS8545, BS5837, BS3998 and BS7370. Trees to be inspected twice annually as part of standard maintenance visits for sign of pests and disease and to check stakes and ties are intact, installed correctly and not restricting growth.

3. Native Hedgerows

All works to native hedgerows to be completed in accordance with BS 7370-4. Hedgerows to be inspected annually when in full leaf to ensure that they are thriving. Contractor to record defects requiring remedial works. Contractor to ensure the shelter guards are intact, installed correctly and are not restricting growth. Hedgerows to be maintained to a height of 1.5m

4. Ornamental Hedgerows

All works to ornamental hedgerows to be completed in accordance with BS 7370-4. Hedgerows to be maintained to the appropriate heights suggested in the plant specification. Hedges to be trimmed at least annually to maintain vigour and encourage new growth. Pruning to be carried out as part of regular maintenance visits once they have achieved the desired height.

5. Native Whip Planting Areas

All works to native habitat planting to be completed in accordance with BS 7370-4. Whip plantings to be inspected annually when in full leaf to ensure that they are thriving and record defects requiring remedial works. Contractor shall ensure the shelter guards are intact, installed correctly and are not restricting growth. Invasive weeds to be managed around the base of plantings to remove root competition and aid establishment.

6. Ornamental Shrub Beds

All works to ornamental shrubs to be completed in accordance with BS 7370-4. Inspect shrub beds annually and recording gaps needing filling with additional plants, areas to be thinned, and/or pruning operations to encourage growth. Where there has been a significant failure of plants, carry out investigations to locate the source of the problem and consult the landscape architect prior to replacement planting.

7. Wildflower Meadow Areas and Marginal Planting

All works to wildflower meadow areas to be completed in accordance with BS 7370-4. All works to ponds, swales and marginal planting areas to be completed in accordance with BS7370-5. Objective - to create and maintain a bio-diverse and balanced wildflower meadow that is free from invasive weeds for the benefit of wildlife. During the first year of establishment, competition from grasses and weeds shall be kept under control. Contractor to manage the sward to aid seedling development and maintain a balanced composition.

8. Amenity Grass Areas

All works to amenity grass and turf areas to be completed in accordance with BS7370-3. Lawn areas to be maintained regularly to retain a maximum sward height of 60mm. Lawn and grassed areas to be inspected as part of the regular maintenance operations, and formally inspected annually to assess requirements in terms of topdressing, over seeding etc.



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Project Title	
FORMER LEYLAND TEST TRACK	
Job Ref.	
LEY1701	
Client	
BARRAT HOMES AND DAVID	
WILSON HOMES	
Drawing Number	Revision
PS01	F
Drawing Title	
PLANTING SCHEDULE & SPECIFICATION	
Scale	Date
NTS	05/03/2019