

Abbrev. Number	Botanical Name	Common Name	Girth/Dia cm	Height cm	Root Zone	Specification
AC	7	Acer campestre	Common Maple	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
AG	1	Alnus glutinosa	Common Alder	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
AL	3	Amelanchier lamarckii	Juneberry	200-250	RB	3x; multi-stem; bushy; 3 stems min.
BP	5	Betula pendula	Common Silver Birch	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
CB	2	Carpinus betulus	Hornbeam	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
MBS	1	Malus domestica 'Bramley's Seedling'	Apple 'Bramley's Seedling'	175-200	10-15L	Half Std. MM106 rootstock; clear stem 100-125cm; 3 brks
LSW	1	Liquidambar styraciflua	Sweet Gum 'Worplesdon'	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
LTG	3	Lindnerodendron tulipifera 'Fastigiatum'	Tulip tree 'Fastigiatum'	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
PA	1	Prunus avium	Gean	12-14	350-425	RB 3x; HS; clear stem 175-200cm; 5 brks
PBH	1	Prunus communis 'Beaume Hardy'	Pear 'Beaume Hardy'	150-175	10-12L	Bush; St Julian's rootstock; 5 brks; 2-3 years old
PDV	1	Prunus domestica 'Victoria'	Plum 'Victoria'	150-175	10-12L	Bush; St Julian's rootstock; 5 brks; 2-3 years old
MCO	1	Malus domestica 'Cox's Orange Pippin'	Apple 'Cox's Orange Pippin'	175-200	10-15L	Half Std. MM106 rootstock; clear stem 100-125cm; 3 brks

NH1: Native hedge planting, mature with timber stakes, rabbit guards, 5cm depth bark mulch. Planted in a double staggered row. Rows 50cm apart. 5 plants per linear meter per row. Species evenly mixed along rows.

NH1A to be managed to 1.8m height. NH1B to be managed to 1m height.

NH1A: 109.5 linear meters. NH1B: 90 linear meters. Total: 199.5 linear meters = 1197 plants.

% of mix	Qty	Botanical Name	Common Name	Height cm	Root Zone	Specification
15	179	Acer campestre	Common Maple	80-100	B	1+1; Transplant - seed raised
15	179	Carpinus betulus	Common Hornbeam	80-100	B	1+1; Transplant - seed raised
15	179	Corylus avellana	Common Hazel	80-100	B	1+2; Transplant - seed raised; branched; 4 brks
40	479	Craatagus monogyna	Common Hawthorn	80-100	B	1+2; Transplant - seed raised
5	60	Ilex aquifolium	Common Holly	60-80	SL	Leader with lateral
5	60	Viburnum opulus	Guelder Rose	80-100	B	1+2; Transplant - seed raised; branched; 3 brks
5	60	Taxus baccata	Common Yew	60-80	RB	3x leaders; feathered to base

PFH: Pre-formed hedge / instant hedge with 5cm depth bark mulch, & irrigation

Type	Qty	Type	Species Mix	Height cm	Root Zone	Specification
PFH1	63.4m	Yew	Taxus baccata	180 cm	Bag / Trough	Furnished to base. Bushy.
PFH2	43.4m	Mixed Native	Craatagus monogyna, Ligustrum vulgare, Ilex aquifolium	60-80 cm	Bag / Trough	Furnished to base. Bushy.

SM1: Shrub mix 1 @ 4 per m². Species in equal proportions per bed. Planted in species groups of 3. With 5cm bark mulch. Total number of plants: 87.

Proportion of Mix	Qty	Botanical Name	Common Name	Height cm	Root Zone	Specification
1/4	21	Choisya dawittana	White Dazzler	30-40	SL	Bushy; 6 brks
1/4	22	Euonymus fortunei	'Emerald Gaiety'	30-40D	5-7.5L	Bushy; 9 brks
1/4	22	Skimmia japonica	'Kew Green'	30-40	SL	Bushy; 4 brks
1/4	22	Lavandula 'Sensational'	Lavender 'Sensational'	20-30	SL	Bushy; 5 brks

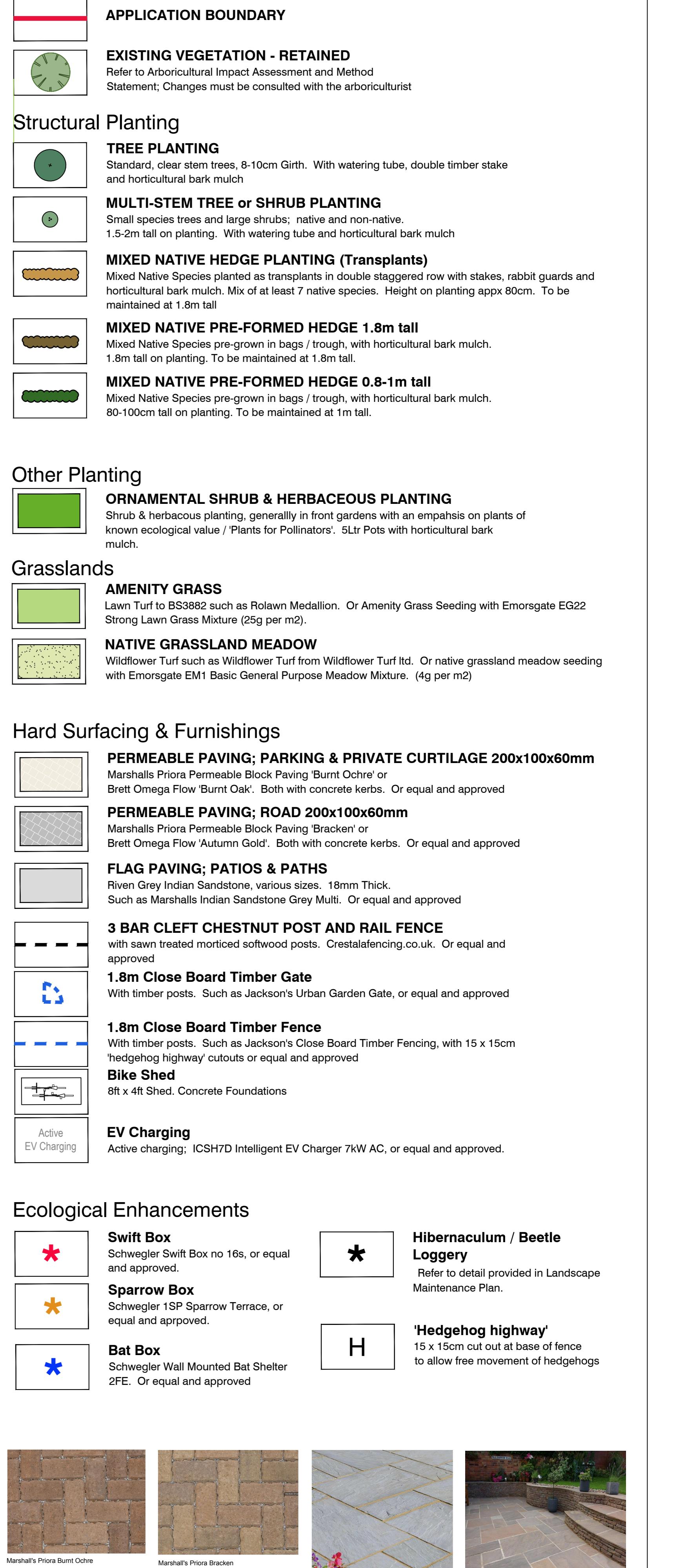
SM2: Shrub mix 2 @ 4 per m². Species in equal proportions per bed. Planted in species groups of 3. With 5cm bark mulch. Total number of plants: 52.

Proportion of Mix	Qty	Botanical Name	Common Name	Root Zone	Specification
1/3	17	Helleborus niger	Christmas Rose	SL	Full pot
1/3	17	Bergenia 'Silberlicht'	Elephant's ears 'Silver Light'	SL	Full pot
1/3	18	Linaria muscaria	Big Blue Lily Turf	SL	Full pot

SM3: Shrub mix 3 @ 4 per m². Species in equal proportions per bed. Planted in species groups of 3. With 5cm bark mulch. Total number of plants: 66.

Proportion of Mix	Qty	Botanical Name	Common Name	Height cm	Root Zone	Specification
1/4	16	Mahonia eurybracteata gimpensis 'soft caress'	Mahonia 'Soft Caress'	40-50	SL	Branched; 3 brks
1/4	16	Nepea 'Hills Giant'	Camellia 'Hills Giant'	5L	Full pot	
1/4	17	Hebe 'Caledonia'	Hebe 'Caledonia'	30-40	SL	Bushy; 7 brks
1/4	17	Viburnum davidi	David's Viburnum	30-40	SL	Bushy; 5 brks

Any substitutions must be agreed with Fenfield Homes or their consulting Landscape Architect in writing.



PLANTING SPECIFICATION

General Guidance
All plant handling to be in accordance with the HTA 'Handling and establishing landscape plants' Part I, Part II and Part III (obtainable from the Horticultural Trades Association and CPRE publication 'Plant Handling') and in planting to conform to National Planting Specification Guidelines.

The individual setting out of plants on site shall be the responsibility of the contractor and should follow the locations shown on the planting drawings.

Contractor shall maintain existing levels around the base of existing trees and shall undertake all planting works occurring within root protection areas in accordance with BS5837:2012 and the Arboricultural Method Statement (if produced). The contractor shall not remove or relocate any tree protection fencing without prior consent of the client.

Contractor to follow the locations of all underground services, existing and proposed, prior to the cultivation of ground, or excavation of any tree pits or shrub beds, to avoid any potential damage to the client's landscape architecture.

All arisings shall be removed from site and the contractor shall at all times keep the site free from rubbish and debris.

For the duration of the works the contractor shall keep the site free from injurious weeds as listed in the Weeds Act 1959.

All plants should be supplied at the size and species specified in the planting schedules. Any proposed replacement species or deviation from the planting schedules should agree with the client in writing prior to planting.

All plants shall be hardened off at the contractor's nursery or at the source prior to planting out.

The contractor shall plant the works while weather conditions are suitable. Planting is not to take place during frost or strong winds.

The contractor is to ensure that adequate soil and water conditions are suitable. Planting is not to be carried out during rain or strong winds.

Any topsoil retained on site for stockpiles or use in planting works is to be stored in accordance with the DEFRA publication 'Code of practice for the sustainable use of soils on construction sites'.

Do not use peat or peat based products.

Prior to planting, planting areas shall be cleared of grass and weed growth physically or chemically with a proprietary translocated herbicide and a period of 6 weeks.

All ground to be watered thoroughly before planting to ensure rootball is thoroughly soaked. All plants are to be thoroughly watered after backfilling so that the full depth of rootball around the plant is thoroughly saturated. Plants must be watered as needed to ensure successful establishment and healthy growth.

Tree Planting

Generally plant trees in pits with minimum dimensions of: 1000-1000 x 700-800mm deep for trees in soft landscape areas.

Bedding in pits to be specified from (bottom up):

- 200mm layer of compacted inert free draining gravel or pea shingle, wrapped in geo-textile membrane

- 100mm layer of washed coarse sand to act as bedding layer between geotextile and soil

- Topsoil layer: 400-500mm layer of retained site-sourced topsoil (free from weeds) or imported topsoil (multi-purpose grade to BS3882:2015; sandy loam), depth dependent on size of rootball.

The depth of rootball should only be deep as the rootball of the proposed tree to a maximum depth of 400-500mm. Should the rootball be larger i.e. 800mm height, then the pit should be increased in depth to suit, but with the difference in depth from the 400-500mm topsoil layer and the drainage layer made up of imported free-draining subsoil to BS6861:2013 to avoid topsoil occurring at depths of greater than 500mm.

Likewise, for smaller trees, with more limited rootballs or bare root trees, the depth of topsoil can be reduced to reflect the surrounding topsoil depths or to a max. depth of 350mm, with a further layer of site-sourced or imported subsoil (to BS6861:2013) below to create a total depth of growing medium of between 400-500mm i.e. 150-200mm layer of subsoil. Drainage layer as above.

As noted above, the min. pit size for trees planted in soft landscape areas should be 1m x 1m, however when planting in clean, undisturbed ground, pits should be dug approx 200mm greater than the rootball to limit disturbance of surrounding soil structure. For very large stock, pit dimensions should be increased accordingly.

Break up bottom of tree pit to a depth of 200mm and ensure ground is free draining. Losen edges of tree pit at time of planting by hand, using a fork to incorporate a soil conditioner / amendment in the form of peat free general-purpose shrub compost or well rotted spent mushroom compost across the planting bed in a 50mm layer, and incorporate to a depth of 250mm.

Once planting bed is prepared, dig planting holes for shrubs to a depth of 200mm and a width of 150mm greater than the source pot size, ensuring that pit walls are loosened to ensure good drainage.

Set out the planting in accordance with planting drawings.

All shrub areas to be dressed with a minimum 50mm mulch layer, consisting of medium chipped tree bark, composted for 2-4 weeks, particle size 100-120mm.

Trees shall be planted in the centre of the excavated pits.

Trees in soft planted areas to be dressed with a minimum 50mm mulch layer, consisting of pine bark fines, particle size 15-50mm to a min. diameter of 1000-1200mm.

Semi-mature trees shall be secured by use of a proprietary underground guying system, incorporating guy mats to protect the upper surface of the rootball and secured to the base of the tree pit by use of deadman anchors. Guying supports shall be sized in line with the size of the tree as recommended by the manufacturer.

Standard trees shall be staked and supported with a low, single stake consisting of 10m, 75mm diameter x min 2000mm length, rounded timber post driven into the ground at 45 degree angle to approx 450mm above ground level and fixed to the tree by a proprietary rubber tree tie.