



KEY:

- Site Boundary
- Existing Trees
- Existing Shrubs
- Proposed Trees
- Proposed Native Hedge
- Proposed Ornamental Hedge
- Proposed Native Mixes
- Proposed Ornamental Shrubs
- Proposed Amenity Grass / Turf
- Proposed Wildflower Mix
- Proposed Wetgrass Mix
- Proposed Compacted Hoggin

PLANTING NOTES
All plants to be supplied in accordance with the HTA 'National Plant Specification' and from a HTA certified nursery. All plants and trees to be planted in accordance with BS3936 and BS8545. Delivery and handling of all plant material to be in accordance with BS4428/JC/LC/PSSE Code of Practice for Handling and Establishing Landscape Plants Parts I, II and III and BS8545.

Planting Pit and Trench Preparation

Tree pits in soft landscape to be excavated to 1m x 1m x 1m depth prior to topsoiling and all shrub planting areas excavated to 450mm depth. All proposed hedge planting trenches to be excavated to 600mm depth. Unless otherwise specified, all tree pits in hard landscape to be 200 x 2m x 1m, backfilled with compacted Urban Tree Soil.

The preparation of planting pits, beds or trenches shall comply with the appropriate British Standards, namely BS4043, BS4428, BS5837 and BS8545.

Excavation of planting pits, beds or trenches shall not take place when the ground is frozen or waterlogged such that damage may occur to the structure of the soil. All excavated areas to be backfilled with either site won topsoil or imported topsoil to be BS3882-General purpose grade. All topsoiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants. The Contractor shall break up and cultivate at the base of the trenches or planting pits. The sides of the trenches or planting pits shall be loosened with a fork or other similar implement. All stones and the like over 75mm in any dimension, deleterious matter, weeds and weed roots brought to the surface by any cultivation or excavation shall be removed off site. The Contractor shall remove off site the excavated subsoil material when preparing planting pits. The imported topsoil should make up any deficiencies caused by the removal of the subsoil material. Trenches and pits shall have the topsoil and any subsoil material thoroughly broken up and mixed prior to backfilling. All trees shall be supplied root balled, unless otherwise stated. Root balled trees shall be well grown, healthy and with a compact, contained rootball. They shall be nursery grown and have been regularly watered. Prior to planting, all plant material shall be stored and sorted in accordance with best practice.

Planting

All plants shall be planted in a random fashion avoiding formal regimented lines at densities indicated in the schedule, unless otherwise specified. Unless otherwise specified, all hedgerows shall be planted in a double staggered rows and hedgerow mixes shall be planted in groups of 7, 8 & 13s at densities indicated on the schedule. Ornamental shrub planting mixes shall be planted in groups of 5, 7 & 11s and native shrub planting mixes shall be planted in groups of 9, 13 & 15s. The selection, procurement, handling, storage and planting operations of all proposed trees shall be in accordance with BS8545:2014 - Trees: from nursery to independence in the landscape, recommendations.

Planting and associated operations shall comply with BS4043, BS4428, BS5837 and BS8545. Unless otherwise stated planting shall be carried out during the period of 1 Nov to 31 March when the ground is not frozen or water logged. If planting is required outside this period agreement shall be sought and all bare root plants shall be substituted with container grown stock.

Watering

All plants shall be watered in to field capacity immediately after planting and mulched with 50mm depth of medium grade crushed mulch. The Contractor shall water the trees, shrubs and hedges once planted so that the entire tree or planted area is moistened to field capacity, i.e. 'the amount of water retained by previously saturated soil once full drainage has ceased'. Watering to field capacity shall continue frequently and on a regular basis as considered necessary by the landscape contractor and as necessary to ensure the successful establishment and continued thriving of all planting. Additional watering shall be undertaken during summer months and/or periods of drought. Post planting management and maintenance specifically for new tree planting shall include ongoing irrigation and/or mulching as outlined in BS8545. The period over which regular irrigation required for transplanted trees is likely to be at least two full growing seasons to ensure successful establishment. As the root system develops the frequency of irrigation can be reduced.

Staking

All trees within soft landscape areas to be double staked with cross bar and tied, using 1.5m long, 75mm diameter rounded tree staks and spacer block. Stakes not to extend more than 650mm above ground level. All trees within hardstanding/highways visibility splay to be clear stem to 1.5m high unless otherwise specified. Trees within hardstanding / specific pits to be underground guyed unless otherwise specified.

Root Barriers

Root barriers (ReRoot 1000 or equivalent) to be included adjacent to buildings and services where necessary. Landscape contractor shall check all planting operations comply with appropriate standards and that in the absence of detailed surveys, any necessary underground investigations are undertaken to ensure there are no conflicts with existing or proposed utilities, services or foundations.

PROTECTION OF EXISTING VEGETATION TO BE RETAINED

Existing trees to be retained shall be protected in accordance with BS5837, from commencement to completion of all works on site.

N.B. All planting proposals including tree planting have been developed in order to create a high quality environment and gain planning consent for the development. All tree species have been reviewed in line with NHC guidance (2017) and in the absence of any building foundation depths or detailed soil analysis information for the site. Where possible only low and moderate water demand species are proposed in close proximity to new buildings. A number of varied cultivars of these species as well as ornamental species that have a smaller overall mature height (which are not currently assessed within NHC guidance 2017) are proposed to provide variety in the scheme and engineer's should consider these locations & species. Where necessary new building foundation depths shall be designed to accommodate the approved tree species, site specific soil shrinkage and tree water demand in line with NHC standards 2017 (Chapter 4.2 - Building Near Trees). Planting plans have been prepared for planning purposes and in the absence of fully detailed ground investigations, geological or hydrological surveys and planting design or species choice may be subject to change - suitability should be confirmed on site by the landscape contractor. Detailed site specific soil analysis and suitable site drainage should be checked by landscape contractor to ensure planting can be implemented in accordance with approved drawings prior to implementation.

K	11.06.21	Updated to NMA layout and team comments	CW	JM
J	07.04.21	New Hogg Footpath Added	JM	JM
H	08.01.21	Amended drawing as per revision clouds	IC	JM
G	03.11.20	Added 'For Construction' note	IC	CW
F	02.03.20	Updated to show unit layout	CW	CW
E	15.01.20	Updated to remove ponds to western boundary	IC	CW
D	09.01.20	Updated to revised drainage layout	CW	CW
C	20.12.19	Updated to revised drainage layout	IC	CW
B	31.01.19	Planting specifications reviewed to Client's comments	CW	JM
A	12.12.18	Updated to revised layout	CW	JM
REV	DATE	NOTE	Drawn	Chkd

aspect landscape planning

TITLE

Saltbox, Bognor Regis
NMA Planting Plan Overview

CLIENT

Landlink Estates

SCALE	DATE	DRAWN	CHKD
1:1250@A1	NOV 2018	CW	JM

DRAWING NUMBER	REVISION
5920/ PP/ ASP2.0	K

Planting Schedule

Number	Abbreviation	Species	Specification	Height	Pot Size	Density
54 No.	Ac	Acer campestre	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
13 No.	AcE	Acer campestre 'Esterik'	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
1 No.	BETALBS	Betula albosinensis var. septentrionalis	Extra Heavy Standard :C :Multi-Stemmed 3 Stems	16-18cm	400-450cm	
24 No.	BETPU	Betula pubescens	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
22 No.	CARBET	Carpinus betulus	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
14 No.	CARBETP	Carpinus betulus 'Fastigiata'	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
3 No.	CARBETP	Carpinus betulus 'Purpurea'	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
18 No.	CASAT	Castanea sativa	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
11 No.	MALSY	Malus sylvestris	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
20 No.	Pav	Prunus avium	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
21 No.	Or	Quercus robur	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
22 No.	Salu	Sorbus aria 'Lutescens'	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
42 No.	SORTO	Sorbus terminalis	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
64 No.	Tc	Tilia cordata	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	
28 No.	TILBRAA	Tilia tomentosa 'Brabant'	Extra Heavy Standard :Clear Stem min. 200 :RB	16-18cm	400-450cm	

Number	Abbreviation	Species	Specification	Height	Pot Size	Density
186 No.	Cav	Corylus avellana	Branched :3/5 brks	40-60cm	5L	3/m²
563 No.	CORST	Cornus stolonifera	Branched :3/5 brks	40-60cm	5L	3/m²

Number	Abbreviation	Species	Specification	Height	Density	%
227 No.	Ac	Acer campestre	BR :Double staggered row	60-80cm	5/m	10%
227 No.	Cav	Corylus avellana	BR :Double staggered row	60-80cm	5/m	10%
1128 No.	Cmo	Crataegus monogyna	BR :Double staggered row	60-80cm	5/m	50%
115 No.	LIGVU	Ligustrum vulgare	BR :Double staggered row	60-80cm	5/m	5%
227 No.	PRUSP	Prunus spinosa	BR :Double staggered row	60-80cm	5/m	10%
227 No.	VIBLA	Viburnum lantana	BR :Double staggered row	60-80cm	5/m	10%
115 No.	VIBOP	Viburnum opulus	BR :Double staggered row	60-80cm	5/m	5%
Total	:2266 No.					

Number	Abbreviation	Species	Specification	Height	Density
3755 No.	CARBET	Carpinus betulus	BR :Double staggered row	60-80cm	5/m
Total	:3755 No.				

Number	Abbreviation	Species	Specification	Height	Pot Size	Density
586 No.	PIRR	Photinia fraseri 'Red Robin'	C :Bushy	40-60cm	3L	3/m
Total	:586 No.					

Number	Abbreviation	Species	Specification	Height	Density	%
272 No.	CORSA	Cornus sanguinea	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	8%
272 No.	Cav	Corylus avellana	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	8%
500 No.	Cmo	Crataegus monogyna	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	15%
336 No.	ILXQA	Ilex aquifolium	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	10%
272 No.	LIGVU	Ligustrum vulgare	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	8%
500 No.	PRUSP	Prunus spinosa	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	15%
205 No.	Rca	Rosa canina	BR :Bushy :3 brks :BR	60-80cm	3/m²	6%
336 No.	SACAP	Salix caprea	Bushy :3/5 brks :BR	60-100cm	3/m²	10%
336 No.	VIBLA	Viburnum lantana	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	10%
336 No.	VIBOP	Viburnum opulus	BR :Branched :2/3 brks :1+1	60-80cm	3/m²	10%
Total	:3365 No.					

Number	Abbreviation	Species	Specification	Height	Pot Size	Density	%
289 No.	EFENG	Euonymus fortunei 'Emerald n' Gold'	Bushy :2/4 brks	20-30cm	3L	4/m²	10%
434 No.	HEBRA	Hebe rakaiensis	Bushy :2/4 brks	20-30cm	3L	4/m²	15%
577 No.	MAA	Maonia aquifolium 'Apollo'	Bushy :3/4 brks	30-40cm	5L	4/m²	20%
434 No.	POTFRABW	Potentilla fruticosa 'Abbotswood White'	Bushy :3/4 brks	20-30cm	5L	4/m²	15%
434 No.	PIOL	Prunus laurocerasus 'Otto Luyken'	Bushy :2/4 brks	20-30cm	3L	4/m²	15%
720 No.	WEIFLVA	Weigela florida 'Variegata'	Bushy :3/4 brks	30-40cm	5L	4/m²	25%
Total	:2888 No.						

Number	Abbreviation	Species	Specification	Height	Pot Size	Density	%
167 No.	CEABLC	Ceanothus 'Blue Cushion'	Bushy :3/5 brks	30-40cm	5L	3/m²	18%
185 No.	CORSTKEG	Cornus stolonifera 'Kelsey Gold'	Bushy :3/5 brks	30-40cm	5L	3/m²	20%
167 No.	FeGE	Elaeagnus ebbingei 'Gilt Edge'	Bushy :3/5 brks	30-40cm	5L	3/m²	18%
93 No.	ILEAQSQ	Ilex aquifolium 'Silver Queen'	Bushy :3/5 brks	30-40cm	5L	3/m²	10%
139 No.	VIBPRIA	Viburnum tinus 'Eve Price'	Bushy :3/5 brks	30-40cm	5L	3/m²	15%
175 No.	WEIFLPOP	Weigela florida 'Folius Purpureis'	Bushy :3/5 brks	30-40cm	5L	3/m²	19%
Total	:926 No.						

Number	Abbreviation	Species	Specification	Height	Density
616 No.	CORSA	Cornus sanguinea	BR :Branched :2/3 brks :1+1	60-80cm	3/m²
1228 No.	Cav	Corylus avellana	BR :Branched :2/3 brks :1+1	60-80cm	3/m²
4041 No.	Cmo	Crataegus monogyna	BR :Branched :2/3 brks :1+1	60-80cm	3/m²
616 No.	Eeu	Euonymus europaeus	B :3 brks	60-80cm	3/m²
924 No.	ILXQA	Ilex aquifolium	Branched :3 brks	60-80cm	3/m²
616 No.	MALSY	Malus sylvestris	Whip	1.2-1.5 m	3/m²
984 No.	PRUSP	Prunus spinosa	Bushy	60-80cm	3/m²
373 No.	RHACA	Rhamnus cathartica	Leader With Laterals :3 brks	60-80cm	3/m²
373 No.	SALCI	Salix cinerea	Branched :3 brks	60-80cm	3/m²
924 No.	SAMNI	Sambucus nigra	Bushy	60-80cm	3/m²
373 No.	VIBLANB	Viburnum lantana	Branched :3 brks	60-80cm	3/m²
1228 No.	VIBOP	Viburnum opulus	Branched :3 brks	60-80cm	3/m²
Total	:12296 No.				

Amenity Grass Mix
Emorsgate EL1 Flowering Lawn Mixture. Sown at 40kg/ha

Wetgrass Mix
Emorsgate EM8 Meadow Mixture for wetlands. Sown at 40kg/ha

Wildflower Grass Mix
Emorsgate EM2 Standard General Purpose Meadow Mixture. Sown at 40kg/ha

ASP2.3

ASP2.1

ASP2.2

