OUTLINE SPECIFICATION
Existing trees and shrubs to be retained shall be protected in accordance with the current British Standard 'Trees in relation to construction'. Generally fencing shall be a 1.2m high cleft chestnut or 1.8m 'Herres' type fencing secured and maintained in position for the duration of construction.

GENERAL
All planting work & plants shall be in accordance with all approved current/relevant horticultural & British Standard specifications including 'Nursery stock', 'Landscape Operations', 'Trees in relation to Design, Demolition & Construction', 'Tree Work' and the latest National Building Specification, National Plant Specification & HTA 'Handling & Establishing Landscape Plants. Herbicides, pesticides and other chemicals may only be used with the approval of the CA Use of chemicals shall be in accordance with all relevant guidelines and the manufacturers recommendations. Imported topsoil shall be a minimum specification of general-purpose grade, unless otherwise instructed. 1 cu.m approved compost/organic material/soil ameliorant per 20 sq m shall be cultivated into topsoil before planting. Peat shall not be used. Following planting all shrub beds shall be treated with an approved granular fertilizer at rates recommended by the manufacturer. All ornamental planting beds shall be mulched with 50mm depth medium grade ornamental bark mulch. All hedge and native planting shall be mulched with 75mm depth mushroom compost.

TOPSOIL
Imported topsoil shall be a minimum specification to current British Standard BS 3882:2015 Multi-purpose grade from an approved source in accordance to the above specification, unless otherwise instructed. 1 cu.m approved compost/organic material/soil ameliorant per 20 sq m shall be cultivated into topsoil before planting. Peat shall not be used.

MAINTENANCE
The defects liability period for planting shall be 12 months from completion of the works, to the current British Standard. During this period, any plant which is found to be dead, dying or otherwise defective shall be replaced at the expense of the contractor during the next planting season. The contractor shall make maintenance visits as required to ensure the successful establishment of the planting and maintain all shrub areas in a weed free condition. Regular visits (minimum 8 No.) required, to maintain all planted areas in a weed and litter free condition using a combination of chemical spray and hand weeding to be agreed with the CA. Maintenance to include watering, pruning, pest and disease control and re-mulching as required to current British Standard. Final visit to be immediately prior to handing over and to include a fertilizer treatment of Enmag (6:20:10) at 100gl/m2 and 25mm depth bark mulch top up to all ornamental planted area. Amenity grass mowing at two-week intervals during growing season, meadow grass maintained in accordance with seed supplier's recommendation. Maintenance to be carried out in years 2-5 to be agreed.

PLANT SCHEDULE
Trees - Trees planted into tree pits 75mm deeper than the root system and wide enough to accommodate roots when fully spread. Root balled trees to be dug 500mm wider and same depth as the rootball. If the site is on an unculitvated site or where clay soils could get waterlogged the tree pits should be 2-3 times the size of the rootball. Hedges - Planted into 450mm depth topsoil. Specimen Shrubs - Planted Into 450mm depth topsoil. Ornamental Shrubs and Groundcovers - Planted into 450mm depth topsoil. Climbers - Planted Into 45Omm depth topsoil as indicated. Support to be provided as required. Grass area - 100mm depth topsoil

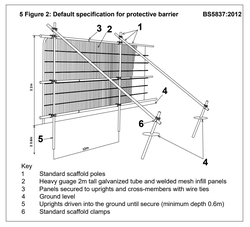
TREE PLANTING
All trees are to be planted as shown ensuring a minimum of 5 metres from buildings and 3 metres from drainage. Tree pits to have suitable topsoil to the current British Standard to a suitable depth, with irrigation, drainage, root protection, aeration, root cells as required to suit ground conditions, as approved by CA.

PLANT MATERIAL TREATMENT
All to be British grown stock and fully hardened off. Root Dip - Proprietary Root Dip applied to all bare rooted stock (1) at time of lifting at nursery and (2) prior to planting. Anti-Desiccant - Proprietary anti-desiccant to be applied to foliage of all containerized root balled material in leaf, specimen conifers and evergreen etc., (1) prior to transportation and (2) during any delay In planting.
Pruning - Allow for pruning of all deciduous trees and shrubs by 113rd following planting at Landscape Architects instruction or as indicted in the planting schedule. Tree stakes and ties - Stakes to be pressure treated, round, smooth and peeled larch or chestnut, not less than 100mm in diameter. Advanced nursery stock - double staked with cross bar

PLANTING SCHEDULE SHEET 1 OF 3

CLASS	QTY	SPECIES	SIZE & SPECIFICATION	ROOT	DENSITY
Trees	9	Alnus glutinosa	Selected Standard, 2x,10-12cm girth, 300-350cm ht, 175-200cm clearstem	RB	As DWG
	19	Betula pendula	Selected Standard, 2x,10-12cm girth, 300-350cm ht, 175-200cm clearstem	RB	As DWG
	23	Betula pubescens	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	5	Carpinus betulus	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	4	Fagus sylvatica	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	24	Malus sylvestris	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	7	Populus nigra	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	2	Prunus avium	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	10	Prunus padus	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	6	Quercus robur	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	6	Salix alba	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	13	Sorbus aria	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	23	Sorbus aucuparia	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
	6	Tilia cordata	Semi Mature, 2x, 18-20cm girth, 400-500cm ht, 175-200cm clearstem	RB	As DWG
Native Shrub Planting Mix 1	1023	Acer campestre 10%	Transplant 1+1, 80-100cm height	BR	3 per m², planted in groups of >3 same species fitted with spiral guards and canes if rabbits present
	1023	Cornus sanguinea 10%	Transplant 1+2, 60-80cm height, branched min. 3 breaks	BR	
	1023	Corylus avellana 10%	Transplant 1+2, 80-80cm height, branched min. 3 breaks	BR	
	1023	Crataegus monogyna 10%	Transplant 1+1, 80-100cm height	BR	
	512	Euonymus europaeus 5%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	512	Ilex aquifolium 5%	60-80cm height, 5L leader and laterals	BR	
	512	Ligustrum vulgare 5%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	512	Rosa canina 5%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	512	Rosa Rubinigosa 5%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	512	Salix purpurea 5%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	1023	Sambucus nigra 10%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	512	Ulex europaeus 5%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
	1023	Viburnum opulus 10%	Transplant 1+1, 60-80cm height, branched, min. 3 breaks	BR	
Native Shrub Planting Mix 2	347	Acer campestre 15%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	3 per m², planted in groups of >3 same species fitted with spiral guards and canes if rabbits present
	230	Corylus avellana 10%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	464	Crataegus monogyna 20%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	113	Ilex aquifolium 5%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	230	Ligustrum vulgare 10%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	230	Rosa arvensis 10%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	230	Sambucus nigra 10%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	230	Viburnum lantana 10%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	
	230	Viburnum opulus 10%	Transplant 1+2, 160-180cm height, branched min. 5 breaks	BR	

5 Figure 2: Default specification for protective barrier BS5837:2012



Key
1 Standard scaffold poles
2 Heavy guage 2m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6m)
6 Standard scaffold clamps

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KEY

- Existing trees to be retained & protected in accordance with BS5837: 2012
- Tree Protection Fencing in accordance with BS5837:2012 as per below diagram:
- 10m & 5m Guideline track offset from Network Rail
- Existing vegetation to be retained
- Existing swales
- Proposed pond
- Tarmacadam roads as per engineer's specification and detail
- Block paving for carparking spaces - eg: Artro Steel ex. Tobemore, laid stretcher bond
- Amenity grass
- Meadow grass in drifts within the amenity grass eg: EM3 Special General Purpose Meadow Mix ex. Emorsgate to include the following wildflowers:-

Yarrow	Achillea millefolium
Greater Knapweed	Centaura scabiosa
Field scabious	Knautia arvensis
Oxeye daisy	Leucanthemum vulgare
Salad Burnet	Sanguisorba minor
Selfheal	Prunella vulgaris
Meadow buttercup	Ranunculus acris
Bladder campion	Silene vulgaris

- Marginals seed mix to swales eg: EP1 Pond Edge Mix ex. Emorsgate to include the following wildflowers:-

Marsh marigold	*Coltha palustris*
Common Knapweed	*Centaura nigra*
Meadowsweet	*Filipendula ulmaria*
Flag iris	*Iris pseudoacorus*
Purple Loosestrife	*Lythrum salicaria*
Selfheal	*Prunella vulgaris*
Yellow rattle	*Rhinanthus minor*

- Green Wall System
  Scotscape fytotextile living wall system.
  To cover 1300m2 of wall space Plant numbers and density to be determined by specialist installer
  Species to be selected from:-

Armeria Maritima	Hedra helix
Artemisia Dracunculus	Helleborus nigra
Asplenium Scolopendrium	Heuchera spp.
Aubrieta Argenteovariegata	Hosta spp.
Aquilegia	Liriope muscari
Bergenia	Pachysandra terminalis
Campanula	Petronhagia Saxifraga
Carex Oshimensis 'Evergold'	Phlox Subulata
Chamaemelum Nobile	Pratia Pedunculata
Cotoneaster Horizontalis	Primula Vialii
Cyrtomium Falcatum	Saxifraga x Urbium
Epimedium Grandiflorum	Tiarella
Euonymus fortunei	Uncinia Rubra
Hebe Pinguifolia 'Pagei'	Vinca Minor

- Proposed Native Shrubs - Mix 1. *Further Information See Schedule*
- Proposed Native Shrubs - Mix 2. *Further Information See Schedule*
- Proposed Native Standard Trees *Further Information See Schedule*
- Site Boundary

Scale 1:500
0 5 10 20 50m

P02, 10.10.2023, Updated linework , JT
P01, 06.10.2023, Initial Issue
revision / date / description / drawn

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client

project	scale
Oldlands Farm, Newlands Road, Bognor Regis PO22 9FJ	1:500 @ A0
	date Oct 2023
title Proposed Planting Plan	drawn CJO
	checked RH
drawing number 05-991-702	revision P02
Issue For Planning	

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