



### Plant Schedule

Abbr	Species	Supply	Size	Grth	Number
ACCCAM	Acer campestre	HStk BR	350-425cm	12-14cm	4
BETFE	Betula pendula	HStk BR	350-425cm	12-14cm	6
CARBET	Carpinus betulus	HStk BR	350-425cm	12-14cm	2
PRYCACB	Prunus cataractae 'Chanticleer'	HStk BR	350-425cm	12-14cm	2
QUERO	Quercus robur	HStk BR	350-425cm	12-14cm	2
SORAUCC	Sorbus aucuparia 'Cardinal Royal'	HStk BR	350-425cm	12-14cm	4
TILCO	Tilia cordata	HStk BR	350-425cm	12-14cm	3
ACCCAM	Acer campestre	EMStk BR	425-600cm	14-16cm	2
ACPLD	Acer platanoides 'Deborah'	EMStk BR	425-600cm	14-16cm	3
AMARH	Amanchier arborea Robin Hill	EMStk BR	425-600cm	14-16cm	1
MALTRI	Malus hibabata	EMStk BR	425-600cm	14-16cm	4
PRYVAVL	Prunus avium 'Pens'	EMStk BR	425-600cm	14-16cm	4
PRYCACB	Prunus cataractae 'Chanticleer'	EMStk BR	425-600cm	14-16cm	3
ACEPLEG	Acer platanoides 'Emerald Queen'	EMStk BR	450-625cm	16-18cm	5
LIGST	Liquidambar styraciflua	EMStk BR	450-625cm	16-18cm	1
					Total: 46

### Specimen Shrubs

Abbr	Species	Pol Size	Height	Habit	Number
PHOJE	Phlox paniculata 'Jester'	2SL	100-125cm	Top Crn	2
PHOMS	Phlox paniculata 'Moari Sunrise'	2SL	100-125cm	Top Crn	3
PHORFRER	Phoradendron 'Fossil Red Robin'	70-90L	250-300cm	Hull Std Clear Stem 2m	5
					Total: 10

### Ornamental Hedgerows

Abbr	Species	Pol Size	Height	Habit	Density	Length	Number
CARBET	Carpinus betulus	125-150cm	Fhd BR	0.3Cr	51.8m <sup>2</sup>	172	4
PRULU	Prunus laurocerasus	10L	80-100cm	Bushy	0.4Cr	215.05m	544
ELAEH	Eleagnus angustifolia	10L	80-100cm	Bushy	0.4Cr	17.92m	45
							Total: 284.2m Total: 761

### Shrubs (on plot)

Abbr	Species	Pol Size	Height	Habit	Density	Area	Number
AUCJA	Aucuba japonica	10L	60-80cm	Bushy	0.8Cr	9.18m <sup>2</sup>	16
AUCJAR	Aucuba japonica 'Rozanne'	10L	60-80cm	Bushy	0.7Cr	4.96m <sup>2</sup>	11
BRASU	Baccharis myrsina 'Sunshine'	10L	40-60cm	Bushy	0.7Cr	8.84m <sup>2</sup>	20
CEATR	Ceanothus fraxillifolius 'repens'	10L	40-60cm	Bushy	0.7Cr	11.55m <sup>2</sup>	27
CHOTES	Chamaecyparis 'Sundance'	10L	40-60cm	Bushy	0.7Cr	32.4m <sup>2</sup>	79
CORALE	Cornus alba 'Elegantissima'	3L	60-80cm	Branched	0.8Cr	7.81m <sup>2</sup>	14
ELAVANH	Eleagnus pungens 'Maculata'	10L	60-80cm	Bushy	0.8Cr	7.81m <sup>2</sup>	14
EUFONGE	Euonymus fortunei 'Emerald 'n' Gold'	10L	30-40cm	Bushy	0.7Cr	18.74m <sup>2</sup>	46
EUFONGE	Euonymus fortunei 'Emerald Gold'	10L	30-40cm	Bushy	0.7Cr	12.12m <sup>2</sup>	29
HEBMAJ	Hebe 'Majorie'	10L	40-60cm	Bushy	0.7Cr	4.96m <sup>2</sup>	11
HEBMAJ	Hebe 'Mr Winder'	10L	30-40cm	Bushy	0.7Cr	15.89m <sup>2</sup>	39
HEBALIE	Hebe 'atkinsiana' 'Red Edge'	10L	30-40cm	Bushy	0.7Cr	14.57m <sup>2</sup>	34
HEBPI	Hebe pingatolola 'Sutherlandii'	10L	30-40cm	Bushy	0.7Cr	11.8m <sup>2</sup>	27
HYPHAN	Hypericum 'Hidone'	10L	40-60cm	Bushy	0.7Cr	1.96m <sup>2</sup>	4
LAVANH	Lavandula angustifolia 'Hidone'	10L	30-40cm	Bushy	0.7Cr	17.29m <sup>2</sup>	41
PHORFRER	Phoradendron 'Fossil Red Robin'	10L	60-80cm	Bushy	0.8Cr	9.18m <sup>2</sup>	16
PRULAU	Prunus laurocerasus 'Otto Luyken'	10L	60-80cm	Bushy	0.7Cr	3.97m <sup>2</sup>	10
SKIJARU	Skimmia japonica 'Rubella'	10L	40-60cm	Bushy	0.7Cr	10.54m <sup>2</sup>	25
VBIEVP	Viburnum linares 'Eve Pice'	10L	40-60cm	Bushy	0.8Cr	2.74m <sup>2</sup>	5
							Total: 211.82m <sup>2</sup> Total: 479

### Native Mix Hedgerow (also for infill planting of existing hedgerows)

Abbr	Species	Supply	Height	Density	Mix %
CORAV	Corylus avellana	11+1:3 Breaks	60-80cm	0.4Cr Double Staggered at 0.4m offset	40%
CRAMON	Crataegus monogyna	11+1:3 Breaks	60-80cm	0.4Cr Double Staggered at 0.4m offset	40%
LEAG	Ilex aquifolium	2L:3 Breaks	40-60cm	0.4Cr Double Staggered at 0.4m offset	10%
PRUSP	Prunus spinosa	11+1:3 Breaks	60-80cm	0.4Cr Double Staggered at 0.4m offset	10%
ROSCA	Rosa carolina	11+1:3 Breaks	60-80cm	0.4Cr Double Staggered at 0.4m offset	10%
VBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	0.4Cr Double Staggered at 0.4m offset	10%

### Native Shrub Planting

Abbr	Species	Supply	Height	Density	Area	Number
CORSA	Cornus sanguinea	11+1:3 Breaks	60-80cm	1Cr	32.51m <sup>2</sup>	33
CORAV	Corylus avellana	11+1:3 Breaks	60-80cm	1Cr	48.77m <sup>2</sup>	50
EUCIPS	Euonymus europaeus	11+1:3 Breaks	60-80cm	1Cr	45.26m <sup>2</sup>	17
LEAG	Ilex aquifolium	2L:3 Breaks	40-60cm	1Cr	65.04m <sup>2</sup>	66
LIGVU	Ligularia vulgaris	11+1:3 Breaks	60-80cm	1Cr	65.04m <sup>2</sup>	66
ROSCA	Rosa carolina	11+1:3 Breaks	60-80cm	1Cr	32.51m <sup>2</sup>	33
LELEU	Ilex europaeica	2L:3 Breaks	60-80cm	1Cr	32.51m <sup>2</sup>	33
VBOP	Viburnum opulus	11+1:3 Breaks	60-80cm	1Cr	32.51m <sup>2</sup>	33
						Total: 325.15m <sup>2</sup> Total: 331

### Marginal / Aquatics

Abbr	Species	Supply	Density	Area	Number
CARAC	Carex acuta	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
ELPAL	Eleocharis palustris	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
GLYMAX	Glyceria maxima	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
RPS	Rhynchospora alba	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
JUNJ	Juncus inflexus	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
SAGSA	Sagittaria sagittifolia	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
SCILA	Scirpus lacustris	Plug 100cc	10m <sup>2</sup>	3.99m <sup>2</sup>	42
					Total: 33.24m <sup>2</sup> Total: 349

### Amenity Shrubs

Abbr	Species	Supply	Height	Density	Area	Number	
CORALS	Cornus alba 'Sibirica'	3L	60-80cm	Branched	0.8Cr	19.41m <sup>2</sup>	32
CORSAMF	Cornus sanguinea 'Midwinter Fire'	3L	60-80cm	Branched	0.8Cr	20m <sup>2</sup>	32
CORSTF	Cornus stolonifera 'Flavamea'	3L	60-80cm	Branched	0.8Cr	19.41m <sup>2</sup>	32
						Total: 58.82m <sup>2</sup> Total: 96	

### Seasonal Native bulbs

Species	No./m <sup>2</sup>	
Hyacinthoides non-scripta (English Bluebell)	30% of area	
Galanthus nivalis (Snowdrops)	30% of area	
Narcissus pseudonarcissus (Wild Daffodil)	35% of area	
		20

### Turf & Seeding

Turf to plot frontages to be laid as Rolawn 'Medallion', or similar approved.

Amenity grass - A22 low maintenance seed mixture, as supplied by Germinol ([www.germinolamenity.com](http://www.germinolamenity.com)) or similar approved.

Pond Base - EPI Pond Edge seed mixture, as supplied by Emongate Seeds ([www.wildseed.co.uk](http://www.wildseed.co.uk)) or similar approved.

Woodland grass mixture - EW1 seed mixture for woodland, as supplied by Emongate Seeds ([www.wildseed.co.uk](http://www.wildseed.co.uk)) or similar approved.

Wetland grass mixture - EW8 seed mixture for wetlands, as supplied by Emongate Seeds ([www.wildseed.co.uk](http://www.wildseed.co.uk)) or similar approved.

- ### Key
- Application Site Boundary
  - Existing trees and vegetation to be retained. Any gaps in existing hedgerows to be infill planted using the Native Hedgerow Mix and specification. Exact numbers to be agreed prior to landscape implementation.
  - Existing vegetation to be removed.
  - Street Furniture
    - Seat: Hutton Rustic 4 Slot Seat (Ref:HX17-4055) as supplied by Broxap or similar approved.
    - Litter Bin: Derby Standard Litter Bin (Ref:BXK45G 2550) as supplied by Broxap or similar approved.
  - Footpaths & Surface Treatments
    - Proposed alignment of public footpath E151 - to be tarmac surface.
    - Urmade footpath route through development.

- ### Play Equipment
- FE1 - Cluster Sills (Ref: CS1/5)
  - FE2 - Interwire (Ref: INT/5)
  - FE3 - Wobble Board (Ref: WBD)
- All play equipment as supplied by Playdole ([www.playdole.co.uk](http://www.playdole.co.uk)) or similar product from an approved manufacturer. All equipment to be installed with grass safety surfacing in line with manufacturer guidelines.
- All play equipment and layout proposals to be specified in accordance with the requirements set out under BS EN 1176 and Equality Act 2010. Following the agreement of play equipment and the general arrangement the selected manufacturer's details will be submitted to the local council for approval along with the detailed proposals and accompanying certificates and details. Signs are to be supplied and erected that the play area is a 'Dog Free' zone and any other information required. Exact wording to be agreed with the Local Planning Authority.
- Boulders for climbing and seating.**  
To be smooth with no sharp edges, to a maximum height of 0.4m above ground level, installed to play manufacturers details in accordance with EN 1176.

### Specification Notes:

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the NTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CSE.

No species, variety, size or position to be amended without the Landscape Architects prior approval.

If the formation level is compacted it should be ripped through before topsoiling. Topsoil depths to be 300mm for shrub beds and 150mm for grass areas.

All landscape proposals must be referred to by the Structural Engineer during foundation design.

All planting has been indicated making every effort to avoid conflict with highway land. Prior to submission it is the clients responsibility to ensure that all landscaping is reviewed by the project manager/highway engineer to ensure there is no conflict with highway land and future obstacles.

Before trees are planted, the Landscape Contractor shall ascertain the location of drains from the site manager, and shall if necessary make minor adjustments to tree positions to ensure that they are planted at least 1.5m from drains. They should however be planted no closer to houses/garages than is shown on the drawing, and if shown located in shrub beds, the shape of the latter should be adjusted if necessary to accommodate the revised tree position.

If planting conditions are particularly poor e.g. waterlogged/frozen ground or poor soils, the Site Manager must be notified. All works will have until conditions are considered acceptable.

All planting must be mulched to a depth of 75mm and in accordance with horticultural best practice guidelines ensuring plants are not buried.

All bare root stock shall be root dipped in an approved water-retaining polymer. If planting is required outside the October-March season, bare root trees will be replaced by a containerised equivalent to be approved by the project landscape architect.

Planting in pedestrian visibility splays: Any planting stock specified in pedestrian visibility splays and exceeding 0.6m in height is to be cut down to 0.45m in height at the time of planting. It shall be maintained at a height not exceeding 0.6m in height in perpetuity.

**Trees:** All tree locations and species must be taken into consideration by the project Structural Engineer to ensure that foundation design accords with the specifications set out under Chapter 4.2 of the NHC Standards. It is the Contractor's responsibility to ensure that all underground services have been located and identified in advance of free pit excavation. No tree species/location/specification will be amended without prior approval from the project Landscape Architect and/or the Client. Root barriers are to be provided as directed by the project engineer. **All trees to be supplied with 2.0m clear stem unless clearly stated otherwise.**

**Specimen Shrubs:** All specimen shrubs to be planted in accordance with horticultural best practice guidelines. No feature shrub or climbers species, size or location should be altered without prior approval from the Landscape Architect. Planting beds to be mulched with 75mm layer of bark.

**Hedgerows:** All ornamental hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Feathered stock to be attached to a single line post & wire support fence using an approved clip tie and cut back to 1m in height and a tidy hedgerow form at time of planting. Planting beds to be mulched with 75mm layer of bark.

**Shrubs & herbaceous (on plot):** All ornamental and amenity shrubs to be planted in accordance with horticultural best practice guidelines. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 3-7 within mixed species beds. Planting beds to be mulched with 75mm layer of bark.

**Native Hedgerows (transplants):** All native hedgerow shrubs to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 9-18 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine fill. If required suitable soil conditions, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using green spiral guards secured with a 15mm diameter min. bamboo can inserted inside the guard and upto a third in its length into the ground. Shrubs are to be planted using a green shrub shelter and timber stake fitted in accordance with the manufacturers guidelines. Following planting the ground is to be watered to field capacity.

**Marginal / Aquatics:** All marginals to be planted in accordance with horticultural best practice guidelines. No marginal species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 12-21.

**Bulbs:** All bulbs to be planted in accordance with horticultural best practice guidelines. To be planted at 55 bulbs/m<sup>2</sup> and orange in single species drifts.

**Native Hedgerow (feathered):** All Hedgerow shrubs to be supplied as bare root stock unless stated and to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No hedgerow shrub species, size or location should be altered without prior approval from the Landscape Architect. Hedgerow shrubs to be planted on a triple staggered row, 250mm apart with no less than 8 per linear metre as illustrated in the detail below and within a 80cm wide bed. The feathered hedgerow are to have an upright central stem furnished with evenly spread and balanced lateral growth the full length of the stem, shrubs to be attached to a double line support (one for the feathered hedgerow of 1.2m high and one for transplants of 60cm high) fence using an approved clip tie and cut back to 1m in height and a tidy hedgerow form at time of planting. Upon completion trenches to be mulched with 75mm layer of bark.

**Native Hedgerow (bare root):** All Hedgerow shrubs to be supplied as bare root stock unless stated and to be planted in accordance with horticultural best practice guidelines. The landscape proposals must be referred to by the Structural Engineer during foundation design. No shrub species, size or location should be altered without prior approval from the Landscape Architect. Individual species to be planted in groups of 9-18 within the bed. Ground to be cleared, removing all weeds and other debris in advance of planting and cultivated to a fine fill. If required suitable soil conditions, such as mushroom compost, should be incorporated. Transplanted stock to be planted into an appropriate sized pit or notch and protected using green spiral guards secured with a 15mm diameter min. bamboo can inserted inside the guard and upto a third in its length into the ground. Shrubs are to be planted using a green shrub shelter and timber stake fitted in accordance with the manufacturers guidelines. Following planting the ground is to be watered to field capacity.

Rev E: 12/04/2020 (H) New native hedgerow proposed to be planted in accordance with horticultural best practice guidelines. Rev D: 24/02/2020 (H) Pump station relocated and landscaping to be added to detail below. Rev C: 16/02/2020 (H) Amended to show Pump Station and planting details in line with comments. Rev B: 04/11/2020 (H) Amended to show landscape details. Rev A: 14/10/2020 (H) Minor amendments to client comments.

Project: Land North of Cold Overton Road, Langham

Client: Langton Homes

Scale: 1:250 @ A0

Date: 13/10/2020

Checked: JG

Drawn: GL11101E