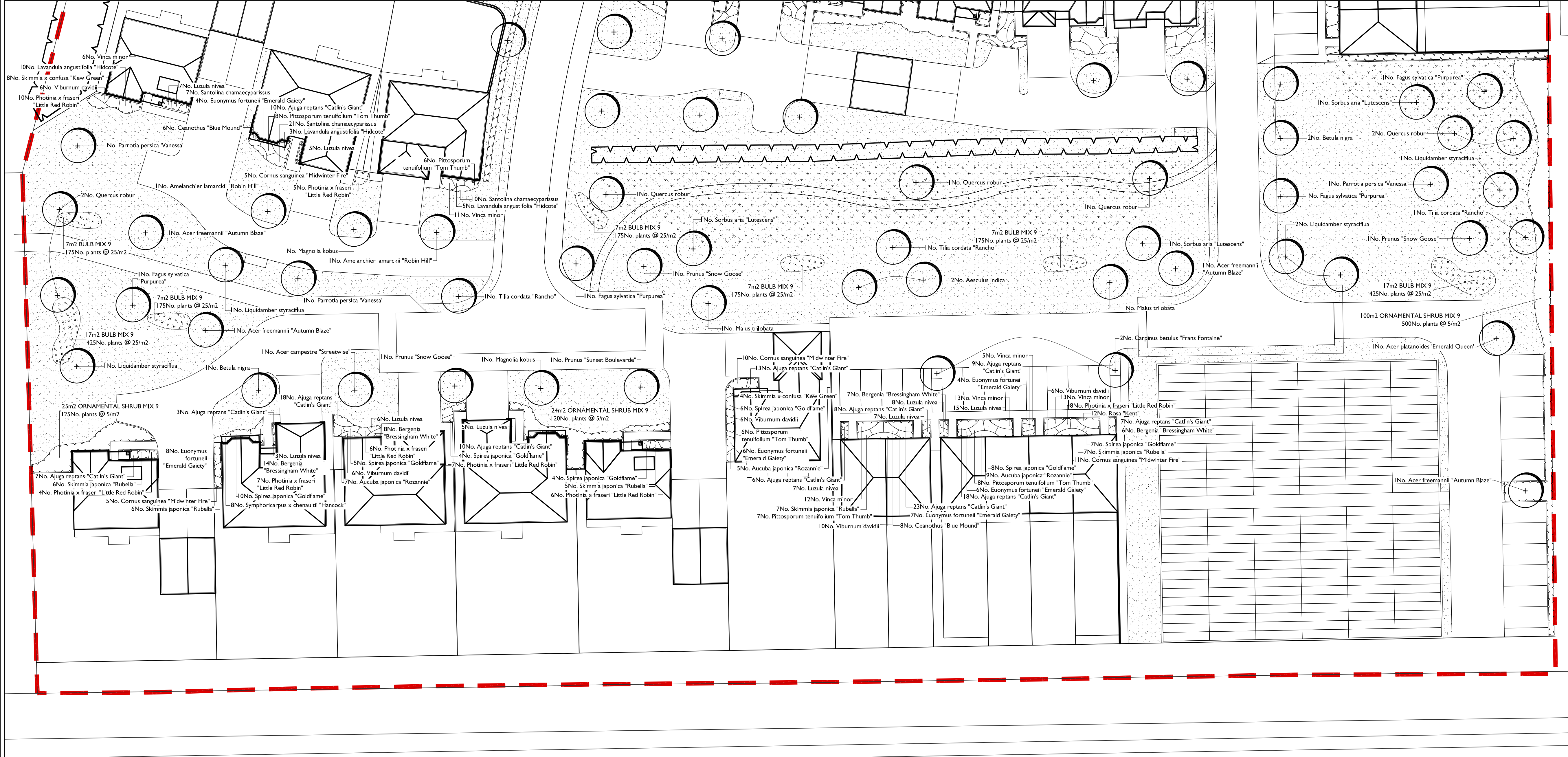




APAL FILE REFERENCE
2600-LA-09-11.dwg

Notes

This drawing is subject to copyright.
This drawing is for Planning purposes only.
Do not construct from this drawing.

North

LEGEND

- Phase Boundary
- Existing Trees / Tree Groups
- Proposed Tree
- Proposed hedge
- Proposed shrub planting
- Proposed grass - amenity seed
- Proposed wildflower meadow
- Proposed naturalised bulb planting in grass

Notes:

- Engineer to confirm foundation details in accordance with practice note 4.2 of the NHBC guide.
- For details on: Levels, services and drainage refer to Engineers drawings.

Plant Schedule

QTY	UNIT	PLANT NAME	STOCK	FORM	GIRTH	HEIGHT	WATER DEMAND	NOTES-HEIGHT AFTER 25 YEARS
Trees								
5 No.		Acer campestre "Streetwise"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 10m
7 No.		Acer freemannii "Autumn Blaze"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 20m
6 No.		Acer platanoides "Emerald Queen"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 20m
4 No.		Aesculus indica	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 15m
6 No.		Amelanchier lamarckii "Robin Hill"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 8m
8 No.		Betula nigra	C	Std	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature height 15m
2 No.		Betula pendula	C	Std	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature height 15m
4 No.		Carpinus betulus "Frans Fontaine"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 10m
5 No.		Fagus sylvatica "Purpurea"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 15m
8 No.		Liquidambar styraciflua	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 25m
10 No.		Magnolia kobus	C	Std	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature height 15m
4 No.		Malus trilobata	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 7m
4 No.		Parrotia persica 'Vanessa'	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 6m
9 No.		Prunus "Snow Goose"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 6m
6 No.		Prunus "Sunset Boulevard"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 15m
9 No.		Quercus robur	C	Std	18-20cm	Min 4.5m	High	2m clear stem, extra heavy standard - Mature height 20m
15 No.		Sorbus aria "Lutescens"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 10m
9 No.		Tilia cordata "Rancho"	C	Std	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature height 10m

QTY	UNIT	PLANT NAME	STOCK	SPACING
Herbaceous plants				
396 No.		Ajuga reptans "Catlin's Giant"	C 3L	9/m2
198 No.		Bergenia "Bressingham White"	C 5L	9/m2
110 No.		Luzula nivea	C 3L	9/m2

Notes and Abbreviations

- C = Container (or pot) grown, followed by size of the container (or pot).
FORM = Shape of tree as supplied by the nursery.
QTY = Quantity
SIZE = Height or Spread of juvenile plant.
Std = (clear stem) Standard.
STOCK = Root condition/protection method eg Bare root.
- Refer to specification for further information.
- All plants to be completely hardened off
- Substitutions to be agreed with Landscape Architect.

350m2 ORNAMENTAL SHRUB MIX 9 planted @ 5/m2			
15% 263No.	Choisya ternata 'Aztec Pearl'	C 5L	60-80cm
15% 263No.	Cornus sanguinea 'Midwinter Fire'	C 5L	60-80cm
10% 175No.	Euonymus europaeus 'Red Cascade'	C 5L	60-80cm
15% 263No.	Hebe 'Youngii'	C 5L	60-80cm
15% 263No.	Hydrangea Quercifolia	C 5L	60-80cm
10% 175No.	Hypericum 'Hidcote'	C 5L	40-60cm
10% 175No.	Spirea japonica 'Candlelight'	C 3L	30-40cm
10% 175No.	Viburnum opulus 'Compactum'	C 5L	40-60cm
Individual varieties to be planted in groups of approximately 3-9.			

47m2 MARGINAL MIX 1 planted @ 0.4m centres			
15% 44No.	Apium nodiflorum	C 9cm	
10% 29No.	Eleocharis palustris	C 9cm	
10% 29No.	Juncus acutiflorus	C 9cm	
15% 44No.	Mentha aquatica	C 9cm	
20% 59No.	Myosotis scorpioides	C 9cm	
15% 44No.	Ranunculus flammula	C 9cm	
15% 44No.	Rorippa nasturtium-aquaticum	C 9cm	
Individual varieties to be planted in groups of approximately 4-11. All plants to be of native provenance.			

PERCENT	QTY	PLANT NAME	STOCK	SIZE
Plant Mixes				
104m2 BULB MIX 9 planted @ 25/m2				
20%	520No.	Crocus 'Snow Bunting'		10-12cm
20%	520No.	Crocus x luteus 'Golden Yellow'		10-12cm
20%	520No.	Narcissus pseudonarcissus		10-12cm
20%	520No.	Narcissus 'Silver Chimes'		10-12cm
20%	520No.	Narcissus 'Tete-a-Tete'		10-12cm

17m2 GROUNDCOVER MIX 13 planted @ 9/m2				
15%	23No.	Ajuga reptans 'Catlin's Giant'	C 2L	20-30cm
5%	8No.	Anemone nemorosa	c 2L	10-20cm
20%	31No.	Epimedium x perrallicum 'Frohneiten'	C 2L	20-30cm
5%	8No.	Geranium macrorrhizum 'Album'	c 2L	20-30cm
15%	23No.	Helleborus foetidus	C 2L	20-30cm
15%	23No.	Luzula sylvatica 'Marginata'	C 2L	30-40cm
10%	15No.	Skimmia 'Kew Green'	C 5L	40-60cm
10%	15No.	Viburnum davidii	C 5L	40-60cm
5%	8No.	Vinca minor	C 2L	20-30cm
Individual varieties to be planted in groups of approximately 7-15.				

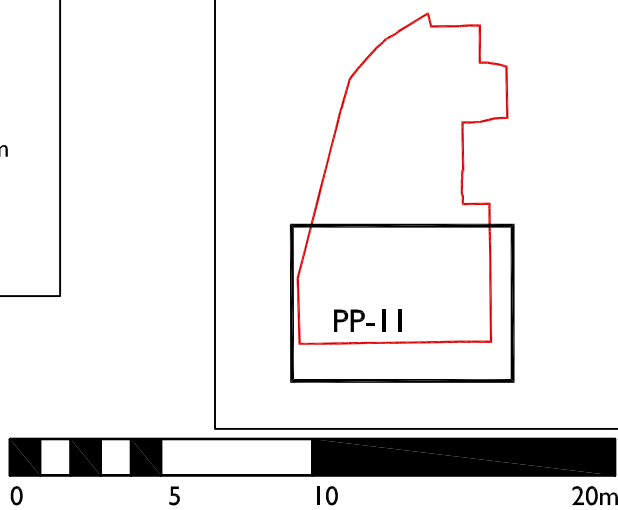
QTY	UNIT	PLANT NAME	STOCK	SIZE	SPACING
Shrubs					
80 No.		Aucuba japonica "Rozannie"	C 5L	40-60cm	5/m2
129 No.		Ceanothus "Blue Mound"	C 5L	40-60cm	5/m2
25 No.		Cistus "Silver Pink"	C 5L	40-60cm	5/m2
182 No.		Cornus sanguinea "Midwinter Fire"	C 5L	40-60cm	5/m2
137 No.		Euonymus fortunei "Emerald Gaiety"	C 5L	30-40cm	5/m2
153 No.		Lavandula angustifolia "Hidcote"	C 5L	30-40cm	5/m2
212 No.		Photinia x fraseri "Little Red Robin"	C 5L	30-40cm	5/m2
187 No.		Pittosporum tenuifolium "Tom Thumb"	C 5L	25-40cm	5/m2
81 No.		Rosa "Kent"	C 5L	40-60cm	5/m2
53 No.		Salvia officinalis "Purpurascens"	C 5L	30-40cm	5/m2
142 No.		Santolina chamaecyparissus	C 5L	30-40cm	9/m2
103 No.		Skimmia japonica "Rubella"	C 5L	40-60cm	5/m2
71 No.		Skimmia x confusa "Kew Green"	C 5L	40-60cm	5/m2
180 No.		Spirea japonica "Goldflame"	C 5L	60-80cm	5/m2
71 No.		Symphoricarpx x chenaultii "Hancock"	C 5L	40-60cm	5/m2
133 No.		Viburnum davidii	C 5L	30-40cm	5/m2
173 No.		Vinca minor	C 3L	20-30cm	6/m2

HORTICULTURAL NOTES

- All work to be carried out to the satisfaction of the Landscape Architect.
- No planting position shall be altered without the approval of the Landscape Architect.
- Engineer to confirm foundation details in accordance with practice note 4.2 of the NHBC guide.
- All topsoil and subsoil is to be analysed by a qualified soil scientist and the findings supplied in report form including recommendations to bringing soils up to specification. The soil survey shall include analysis of representative topsoil and subsoil samples (sample numbers to be determined by the soil scientist) in accordance with the testing schedule.
- Landscape areas shall be top soiled to the following minimum depths:
 - Amenity grassed areas - 100mm. Shrub areas - 300mm. Topsoil to BS3882:2015.
 - Meadow/Wildflower areas to be installed on min 200mm graded, decompacted and cultivated subsoil. To remove unwanted weed grasses, the area shall be treated with Glyphosate prior to seed bed cultivation and left for minimum two weeks.
 - Grassed areas to be rotatated and topsoil levelled as required, remove debris and stones above 30mm dia. Add pre-seeding fertilizer to manufacturer's specification.
 - Trees to be selected and planted in accordance with BS 8545:2014. Tree pits in soft should be no deeper than the existing rootball or container depth and should have a diameter at least 75mm greater than the root system. Unless specified trees are to be secured by stakes. 18-20cm girth trees and above to be double staked. Trees to be secured at low level (500mm) with biodegradable ties. Stakes to be placed outside of the rootball and extend at least 450mm into the ground. Once the tree has established stakes are to be removed.
 - Each new tree pit shall incorporate a deep hose system to facilitate a hose being inserted to avoid unnecessary water loss. All trees planted in grass shall be fitted with mower/trimmer guards or mulched with a min 1000mm diameter circle of mulch away from the main stem/trunk.
- Where trees are to be planted in close proximity to public services such as foul, surface and mains water, an appropriate root barrier such as ReRoot600 to 2000 or equivalent is to be installed to a depth below invert levels of services.
- All preparations, both hard and soft under/around trees to be retained must be carried out by hand to protect roots.
- Contractors to ensure all planting beds and tree pits are free draining.
- All plant material procedures are to conform to the relevant British Standards (3936/4428) codes of practice and the specification.
- All shrubs are to be furnished with at least 3 strong breaks and supplied container grown. Shrubs to be planted in holes big enough to accommodate the plant without damaging the roots (min. 300mm). Plants to be firmed, watered in and dead/damaged branches removed after planting.
- The use of pesticides (herbicides, insecticides, fungicides and slug pellets etc) should be discouraged to prevent cumulative fatal effects to animals via the food chain, particularly invertebrates, birds and/or mammals. Any pesticides used should be non-residual.
- A slow release fertilizer shall be applied after planting in accordance with manufacturer's instructions.
- All plant beds where access to ground floor windows is required are to have 400mm gravel strip offset from building facades. Gravel to be pea shingle or similar approved.
- All planted areas to be mulched with a medium grade bark mulch to a minimum depth of 50mm after plants have been well watered. Care must be taken not to smother the plants.
- Planting will commence during the first planting season (mid Nov-mid March) after substantial completion of the site.
- Where appropriate hedge species shall be pruned by up to one third to promote bushy growth.
- Any tree, shrub or area of grass shall be replaced within a period of five years if they die within the next planting season after planting with another such plant of similar size and species.

QTY	UNIT	PLANT NAME	STOCK	SIZE
Hedges				
24 m		Berberis darwinii	C 10L	40-60cm
120 No.		Plants spaced @ 5/m in a Single Row		
269 m		Ligustrum ovalifolium	C 10L	80-100cm
1076 No.		Plants spaced @ 4/m in a Double Staggered Row		
83 m		Pittosporum tenuifolium "Irene Paterson"	C 5L	30-40cm
581 No.		Plants spaced @ 7/m in a Double Staggered Row		

KEY PLAN



P2 Updated to latest layout 07/10/16 LM JH

Rev Description Date Drawn Checked

Drawing Status

PLANNING

Allen Pyke Associates

Landscape architecture Urban design Environmental planning

The Factory, 2 Acre Road,
Kingston upon Thames,
Surrey KT2 6EF

T 020 8549 3434 F 020 8547 1075
www.allenpyke.co.uk
KINGSTON UPON THAMES • CAMBRIDGE

A registered practice of the Landscape Institute

Client: Redrow Homes Southern Counties Scale: 1:250@A1

Project: Pollards Nursery, Barnham Lm/Chk LM/BB

Phase 2

Drawing Title: Planting Plan 3 of 3 Date: 28/09/16

Drawing Number: 2600-PP-11 Revision: P2