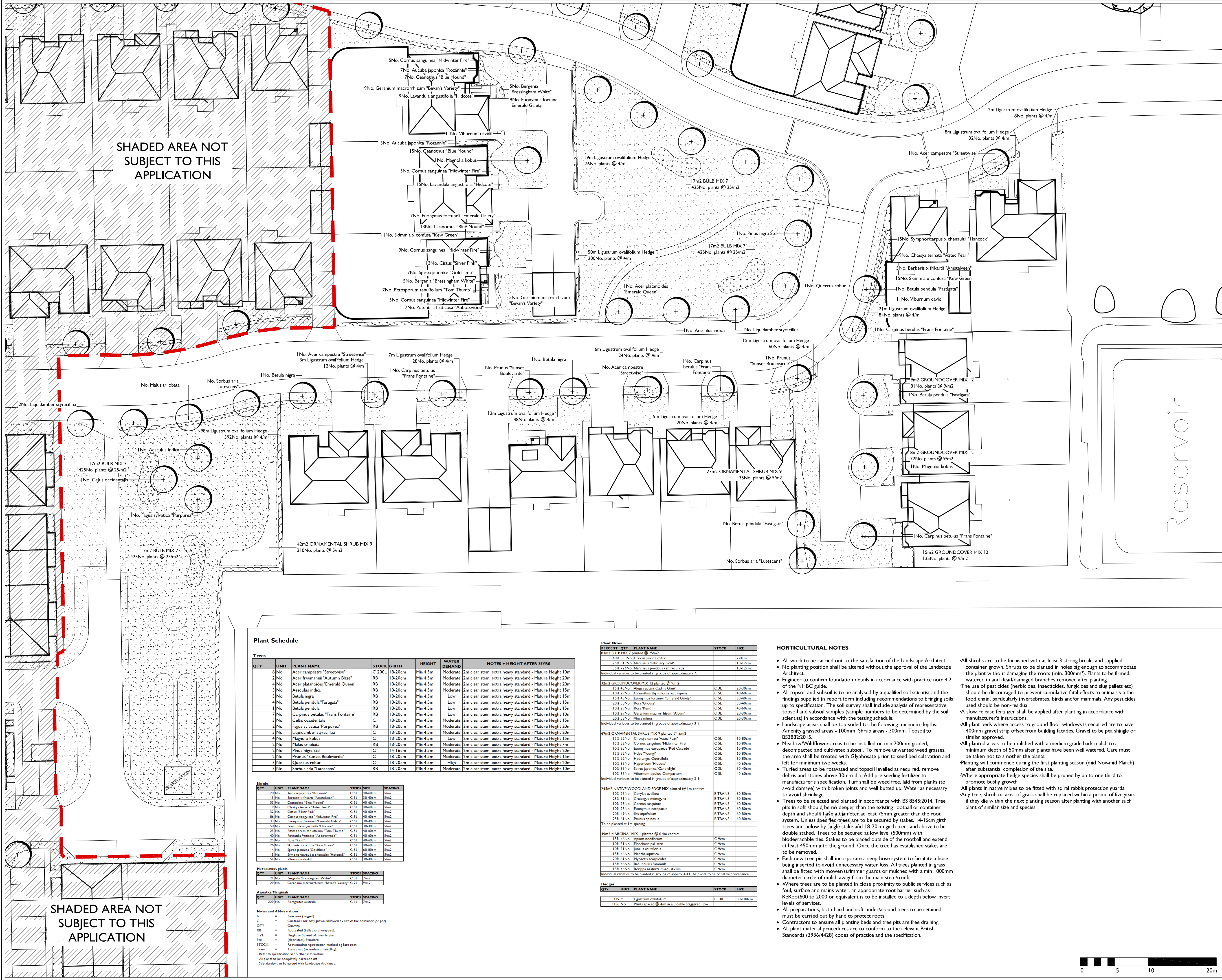




APAL FILE REFERENCE
2600-PP-07-08.dwg

Notes
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North

LEGEND

Phase Boundary

Existing Trees / Tree Groups

Proposed Tree

Proposed hedge

Proposed shrub planting

Proposed native buffer 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.
- Refer 2600-PP-08 for planting schedule and horticultural notes.

P2

Updated to latest layout

07/10/16

AC

JH

Rev

Description

Date

Drawn

Checked

Drawing Status

PLANNING

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Client:
Redrow Homes Southern Counties

Scale:
1:250@A1

Project:
Pollards Nursery, Barnham
Phase I

By/Chk:
BB/LB

Drawing Title:
Detailed Planting Plan
2 of 2

Date:
13/09/16

Drawing Number:
2600-PP-08

Revision:
P2

Plant Schedule

Trees									
QTY	UNIT	PLANT NAME	STOCK	GIRTH	HEIGHT	WATER DEMAND	NOTES + HEIGHT AFTER 25YRS		
6	No.	Acer campestre "Streetwise"	C 200L	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 10m		
2	No.	Acer freemannii "Autumn Blaze"	RB	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 20m		
4	No.	Acer platanoides "Emerald Queen"	RB	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 20m		
3	No.	Aesculus indica	RB	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 15m		
3	No.	Betula nigra	RB	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature Height 15m		
4	No.	Betula pendula "Fastigata"	RB	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature Height 15m		
1	No.	Betula pendula	RB	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature Height 15m		
7	No.	Carpinus betulus "Frans Fontaine"	RB	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature Height 10m		
3	No.	Celtis occidentalis	C	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 15m		
2	No.	Fagus sylvatica "Purpurea"	RB	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 20m		
3	No.	Liquidambar styraciflua	C	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 20m		
4	No.	Magnolia kobus	C	18-20cm	Min 4.5m	Low	2m clear stem, extra heavy standard - Mature Height 15m		
2	No.	Malus trilobata	RB	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 7m		
2	No.	Pinus nigra Std	C	14-16cm	Min 3.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 20m		
2	No.	Prunus "Sunset Boulevard"	C	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 15m		
3	No.	Quercus robur	C	18-20cm	Min 4.5m	High	2m clear stem, extra heavy standard - Mature Height 20m		
3	No.	Sorbus aria "Lutescens"	RB	18-20cm	Min 4.5m	Moderate	2m clear stem, extra heavy standard - Mature Height 10m		

QTY	UNIT	PLANT NAME	STOCK	SIZE	SPACING
20	No.	Aucuba japonica "Rozanne"	C	SL	40-60cm
13	No.	Berberis x frillata "Amstelveen"	C	SL	40-60cm
13	No.	Ceanothus "Blue Mound"	C	SL	40-60cm
19	No.	Choisya ternata "Aztec Pearl"	C	SL	40-60cm
22	No.	Cistus "Silver Pink"	C	SL	40-60cm
86	No.	Cornus sanguinea "Midwinter Fire"	C	SL	40-60cm
33	No.	Euroyrmus fortunei "Emerald Gaiety"	C	SL	40-60cm
86	No.	Lavandula angustifolia "Hidcote"	C	SL	40-60cm
23	No.	Pittosporum tenuifolium "Tom Thumb"	C	SL	40-60cm
40	No.	Potentilla fruticosa "Abbotswood"	C	SL	40-60cm
12	No.	Rosa "Kew"	C	SL	40-60cm
26	No.	Skimmia x confusa "Kew Green"	C	SL	40-60cm
13	No.	Spiraea japonica "Goldflame"	C	SL	40-60cm
13	No.	Spiraea japonica "Goldflame"	C	SL	40-60cm
14	No.	Syringa japonica x chenaultii "Hancock"	C	SL	40-60cm
14	No.	Viburnum davidii	C	SL	40-60cm

Herbaceous plants			
QTY	UNIT	PLANT NAME	STOCK SPACING
21	No.	Bergenia "Bressingham White"	C SL 17m2
29	No.	Geranium macrorrhizum "Bevan's Variety"	C SL 9m2

Aquatics/Marginals			
QTY	UNIT	PLANT NAME	STOCK SPACING
120	No.	Prunella australis	C SL 17m2

Notes and Abbreviations:
B = Bare root (bagged)
C = Container (or pot) grown, followed by size of the container (or pot)
QTY = Quantity
RB = Rootball (balled and wrapped)
SIZE = Height or spread of juvenile plant (clear stem) Standard
Std = Standard
STOCK = Root condition/protection method eg bare root
Trans = Transplant (or undercut seedling)
Refer to specification for further information
All plants to be completely hardened off
Substitutions to be agreed with Landscape Architect

Plant Mixes			
PERCENT	QTY	PLANT NAME	STOCK SIZE
83m2 BULB MIX 7 planned @ 25m2			
40%	329No.	Crocus Jeanie d'Arc	2-8cm
25%	119No.	Narcissus February Gold	10-12cm
35%	726No.	Narcissus poeticus var. recurvus	10-12cm
Individual varieties to be planted in groups of approximately 7			
32m2 GROUND COVER MIX 12 planned @ 9m2			
15%	120No.	Agrostis exaristata	C SL 20-30cm
10%	29No.	Campanula trachelium var. repens	C SL 40-60cm
15%	43No.	Euroyrmus fortunei "Emerald Gaiety"	C SL 30-40cm
20%	58No.	Rosa "Grosu"	C SL 40-60cm
10%	29No.	Rosa "Kent"	C SL 40-60cm
10%	29No.	Geranium macrorrhizum "Album"	C SL 20-30cm
20%	58No.	Viola minor	C SL 20-30cm
Individual varieties to be planted in groups of approximately 3-5			
69m2 ORNAMENTAL SHRUB MIX 9 planned @ 5m2			
15%	52No.	Choisya ternata "Aztec Pearl"	C SL 60-80cm
15%	52No.	Cornus sanguinea "Midwinter Fire"	C SL 60-80cm
10%	35No.	Euroyrmus fortunei "Red Cascade"	C SL 60-80cm
15%	52No.	Hedera "Youngi"	C SL 60-80cm
25%	104No.	Hydrangea Quercifolia	C SL 60-80cm
10%	35No.	Hypericum "Hidcote"	C SL 40-60cm
10%	35No.	Spiraea japonica "Candlelight"	C SL 30-40cm
10%	35No.	Viburnum opulus "Compactum"	C SL 40-60cm
Individual varieties to be planted in groups of approximately 3-5			
245m2 NATIVE WOOLAND EDGE MIX planned @ 1m centres			
10%	25No.	Corylus avellana	B TRANS 60-80cm
25%	61No.	Crataegus monogyna	B TRANS 60-80cm
10%	25No.	Cornus sanguinea	B TRANS 60-80cm
10%	25No.	Euroyrmus fortunei	B TRANS 60-80cm
20%	49No.	Ilex aquifolium	B TRANS 60-80cm
25%	61No.	Prunus spinosa	B TRANS 60-80cm
To be planted at 1m spacing			
49m2 MARGINAL MIX 1 planned @ 0.4m centres			
15%	46No.	Apium nodiflorum	C 9cm
10%	31No.	Elaeagnus argentea	C 9cm
10%	31No.	Juncus acutiflorus	C 9cm
15%	46No.	Monarda aquatica	C 9cm
20%	61No.	Phlox paniculata	C 9cm
15%	46No.	Ranunculus nemoralis	C 9cm
15%	46No.	Rorippa nasturtium-aquaticum	C 9cm
Individual varieties to be planted in groups of approx 4-11. All plants to be of native provenance.			

Hedges			
QTY	UNIT	PLANT NAME	STOCK SIZE
339	m	Ligustrum ovalifolium	C 10L 80-100cm
1356	No.	Plants spaced @ 4m in a Double Staggered Row	

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 bring 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, decomposed 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.
- Turfed areas to be rotavated and topsoil levelled as required, remove debris and stones above 30mm dia. Add pre-seeding fertilizer to manufacturer's specification. Turf shall be weed free, laid from planks (to avoid damage) with broken joints and well butted up. Water as necessary to avoid shrinkage.
- 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. 14-16cm girth trees and below by single stake and 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 seep 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 hand and soft/underground 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.
- All plants in native mixes to be fitted with spiral rabbit protection guards.
- 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.