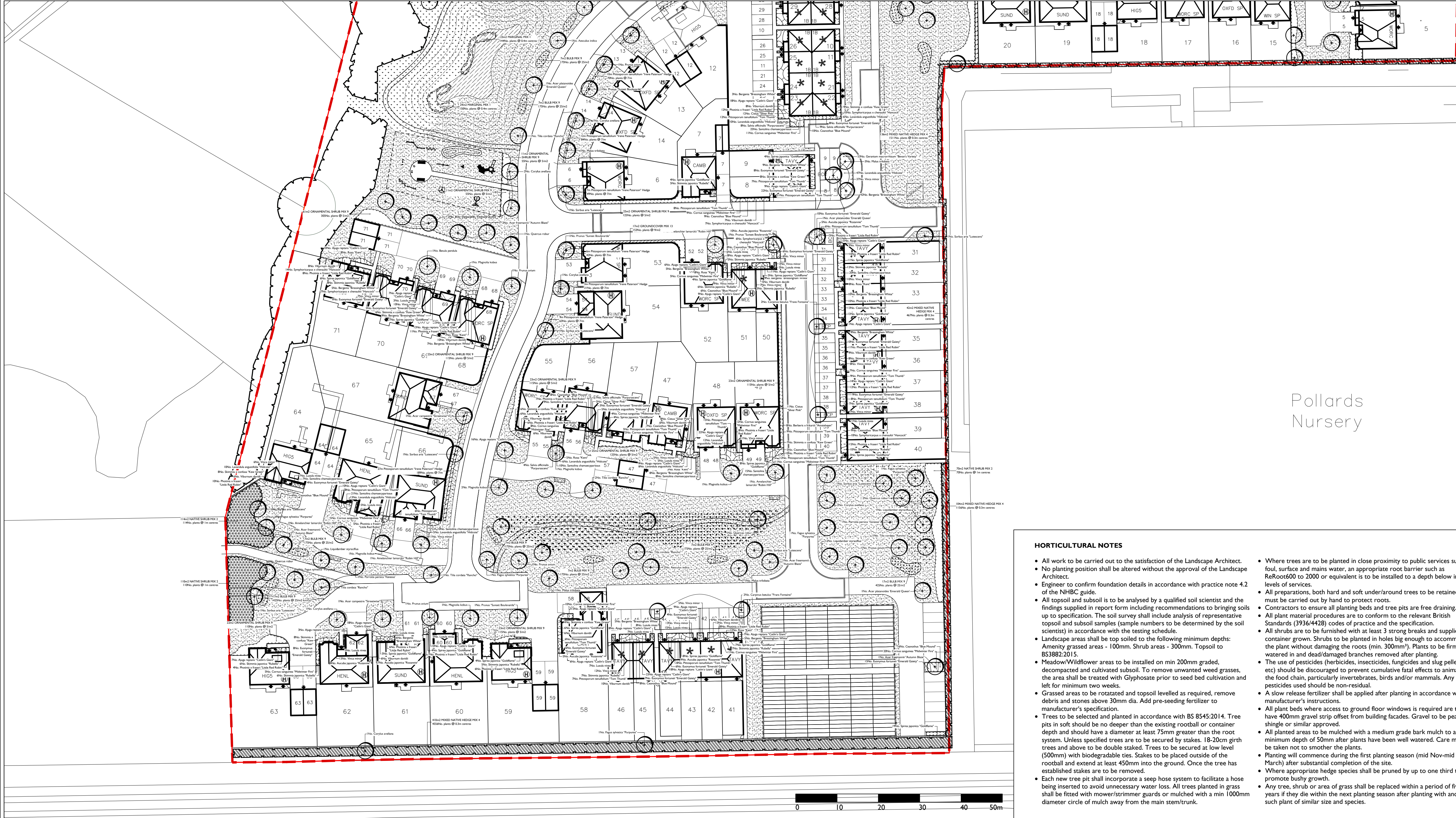




APAL FILE REFERENCE
2600-PP-12-13.dwg

Notes
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North

LEGEND

Phase Boundary

Existing Trees / Tree Groups

Proposed Tree

Proposed ornamental hedge

Proposed native hedge

Proposed shrub planting

Proposed native shrub mix

Proposed marginal 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-13 for planting schedule and horticultural notes.

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 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 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 firm, 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.

Plant Schedule

Trees					
QTY	UNIT	PLANT NAME	STOCK	FORM	GIRTH/HEIGHT
11	No.	Acer campestre "Streetwise"	C 200L	STD	18-20cm
10	No.	Acer freemannii "Autumn Blaze"	RB	STD	18-20cm
10	No.	Acer platanoides "Emerald Queen"	RB	STD	18-20cm
7	No.	Aesculus indica	RB	STD	18-20cm
6	No.	Amelanchier lamarckii "Robin Hill"	C	STD	18-20cm
4	No.	Betula pendula "Fastigata"	RB	STD	18-20cm
3	No.	Betula pendula	C	STD	18-20cm
11	No.	Carpinus betulus "Frans Fontaine"	RB	STD	18-20cm
5	No.	Corylus avellana	C	M.stem	250-300cm
8	No.	Corylus avellana	RB	STD	18-20cm
13	No.	Fagus sylvatica "Purpurea"	RB	STD	18-20cm
12	No.	Liquidambar styraciflua	C	STD	18-20cm
14	No.	Magnolia kobus	C	STD	18-20cm
9	No.	Malus trilobata	RB	STD	18-20cm
4	No.	Parrotia persica "Vanessa"	C	STD	18-20cm
8	No.	Prunus "Sunset Boulevard"	C	STD	18-20cm
12	No.	Prunus avium	RB	STD	18-20cm
14	No.	Quercus robur	C	STD	18-20cm
21	No.	Sorbus aria "Lutescens"	RB	STD	18-20cm
11	No.	Tilia cordata "Rancho"	RB	STD	18-20cm

Hedges				
QTY	UNIT	PLANT NAME	STOCK	SIZE
603	m	Ligustrum ovalifolium	C 10L	80-100cm
2412	No.	Plants spaced @ 4/m in a Double Staggered Row		
92	m	Pittosporum tenuifolium "Irene Paterson"	C 5L	30-40cm
644	No.	Plants spaced @ 77m in a Double Staggered Row		

Plant Mixes

83m2 BULB MIX 7 planted @ 25/m2			
PERCENT	QTY	PLANT NAME	SIZE
40%	830No.	Crocus Jeanne d'Arc	7-8cm
25%	519No.	Narcissus 'February Gold'	10-12cm
35%	726No.	Narcissus poeticus var. recurvus	10-12cm
Individual varieties to be planted in groups of approximately 7.			
104m2 BULB MIX 9 planted @ 25/m2			
PERCENT	QTY	PLANT NAME	SIZE
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

32m2 GROUND COVER MIX 12 planted @ 9/m2				
PERCENT	QTY	PLANT NAME	STOCK	SIZE
15%	43No.	Ajuga reptans 'Catlin's Giant'	C 3L	20-30cm
10%	29No.	Ceanothus thyrsiflorus var. repens	C 5L	40-60cm
15%	43No.	Euonymus fortunei "Emerald Gaiety"	C 5L	30-40cm
20%	58No.	Rosa 'Grouse'	C 5L	30-40cm
10%	29No.	Rosa 'Kent'	C 5L	40-60cm
10%	29No.	Geranium macrorrhizum 'Album'	C 3L	20-30cm
20%	58No.	Vinca minor	C 3L	20-30cm
Individual varieties to be planted in groups of approximately 3-9.				

17m2 GROUND COVER MIX 13 planted @ 9/m2				
PERCENT	QTY	PLANT NAME	STOCK	SIZE
15%	23No.	Ajuga reptans 'Catlin's Giant'	C 2L	20-30cm
5%	8No.	Anemone nemorosa	C 2L	10-20cm
20%	31No.	Epimedium x perralchicum 'Frohnleiten'	C 2L	20-30cm
5%	8No.	Geranium macrorrhizum 'Album'	C 2L	20-30cm
15%	23No.	Heliborus 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 1-15.				

692m2 MIXED NATIVE HEDGE MIX 4 planted @ 0.3m centres

PERCENT	QTY	PLANT NAME	STOCK	SIZE
2%	154No.	Acer campestre	B Trans	125-150cm
5%	384No.	Corylus avellana	B Trans	60-80cm
2%	154No.	Narcissus 'February Gold'	B Trans	60-80cm
50%	3845No.	Crataegus monogyna	B Trans	60-80cm
10%	769No.	Ilex aquifolium	C 3L	60-80cm
15%	1153No.	Prunus spinosa	B Trans	40-60cm
1%	77No.	Rosa canina	B Trans	40-50cm
15%	1153No.	Ulex europaeus	C 3L	40-60cm
Plant in 3 staggered parallel rows set 0.45m apart in groups of 7-25 of each species.				

41m2 MIXED NATIVE HEDGE MIX 5 planted @ 0.3m centres

PERCENT	QTY	PLANT NAME	STOCK	SIZE
20%	91No.	Cornus sanguinea	B Trans	60-80cm
20%	91No.	Ilex aquifolium	C 3L	60-80cm
20%	91No.	Prunus spinosa	B Trans	40-60cm
20%	91No.	Rosa canina	B Trans	40-50cm
20%	91No.	Ulex europaeus	C 3L	40-60cm
Plant in 3 staggered parallel rows set 0.45m apart in groups of 7-25 of each species.				

469m2 NATIVE SHRUB MIX 2 planted @ 1m centres

PERCENT	QTY	PLANT NAME	STOCK	SIZE
10%	47No.	Viburnum opulus	B Trans	60-80cm
10%	47No.	Viburnum lantana	B Trans	60-80cm
10%	47No.	Cornus sanguinea	B Trans	60-80cm
10%	47No.	Rhamnus frangula	B Trans	60-80cm
10%	47No.	Rhamnus catharticus	B Trans	60-80cm
10%	47No.	Ligustrum vulgare	C 3L	40-60cm
20%	94No.	Ulex europaeus	C 3L	40-60cm
10%	47No.	Sambucus nigra	B Trans	60-80cm
10%	47No.	Corylus avellana	C 3L	40-60cm
10%	47No.	Ilex aquifolium	C 3L	40-60cm
Individual varieties to be planted in groups of approximately 10.				

316m2 ORNAMENTAL SHRUB MIX 9 planted @ 5/m2

PERCENT	QTY	PLANT NAME	STOCK	SIZE
15%	237No.	Choiysa ternata 'Aztec Pearl'	C 5L	60-80cm
15%	237No.	Cornus sanguinea 'Midwinter Fire'	C 5L	60-80cm
10%	158No.	Euonymus europaeus 'Red Cascade'	C 5L	60-80cm
15%	237No.	Hebe 'Youngii'	C 5L	60-80cm
15%	237No.	Hydrangea Quercifolia	C 5L	60-80cm
10%	158No.	Hypericum 'Hidcote'	C 5L	40-60cm
10%	158No.	Spirea japonica 'Candlelight'	C 3L	30-40cm
10%	158No.	Viburnum opulus 'Compactum'	C 5L	40-60cm
Individual varieties to be planted in groups of approximately 3-9.				

245m2 NATIVE WOODLAND EDGE MIX planted @ 1m centres

PERCENT	QTY	PLANT NAME	STOCK	SIZE
10%	25No.	Corylus avellana	B TRANS	60-80cm
10%	25No.	Crataegus monogyna	B TRANS	60-80cm
10%	25No.	Cornus sanguinea	B TRANS	60-80cm
10%	25No.	Euonymus europaeus	B TRANS	60-80cm
20%	49No.	Ilex aquifolium	B TRANS	60-80cm
25%	61No.	Prunus spinosus	B TRANS	60-80cm
To be planted at 1m spacing				

96m2 MARGINAL MIX 1 planted @ 0.4m centres

PERCENT	QTY	PLANT NAME	STOCK	SIZE
15%	90No.	Apium nodiflorum	C 9cm	
10%	60No.	Eleocharis palustris	C 9cm	
10%	60No.	Juncus acutiflorus	C 9cm	
10%	60No.	Mentha aquatica	C 9cm	
20%	120No.	Myosotis scorpioides	C 9cm	
15%	90No.	Ranunculus flammula	C 9cm	
15%	90No.	Rorippa nasturtium-aquaticum	C 9cm	
Individual varieties to be planted in groups of approximately 4-11.				
All plants to be of native provenance.				

Shrubs

QTY	UNIT	PLANT NAME	STOCK	SIZE	SPACING
165	No.	Aucubia japonica "Rozannie"	C 5L	40-60cm	5/m2
23	No.	Berberis x frikartii "Amstelveen"	C 5L	30-40cm	5/m2
187	No.	Ceanothus "Blue Mound"	C 5L	40-60cm	5/m2
9	No.	Choiysa ternata "Aztec Pearl"	C 5L	40-60cm	5/m2
68	No.	Cistus "Silver Pink"	C 5L	40-60cm	5/m2
295	No.	Cornus sanguinea "Midwinter Fire"	C 5L	40-60cm	5/m2
216	No.	Euonymus fortunei "Emerald Gaiety"	C 5L	30-40cm	5/m2
228	No.	Lavandula angustifolia "Hidcote"	C 5L	30-40cm	5/m2
224	No.	Photinia x fraseri "Little Red Robin"	C 5L	30-40cm	5/m2
276	No.	Pittosporum tenuifolium "Tom Thumb"	C 5L	40-60cm	5/m2
40	No.	Potentilla fruticosa "Abbotswood"	C 5L	40-60cm	5/m2
130	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	5/m2
118	No.	Skimmia japonica "Rubella"	C 5L	40-60cm	5/m2
141	No.	Skimmia x confusa "Kew Green"	C 5L	40-60cm	5/m2
252	No.	Spirea japonica "Goldflame"	C 5L	60-80cm	5/m2
78	No.	Symphoricarpus x chenaultii "Hancock"	C 5L	30-40cm	5/m2
217	No.	Viburnum davidii	C 5L	30-40cm	5/m2
244	No.	Vinca minor	C 3L	20-30cm	6/m2

Herbaceous plants

QTY	UNIT	PLANT NAME	STOCK	SPACING
429	No.	Ajuga reptans "Catlin's Giant"	C 3L	9/m2
250	No.	Bergenia "Bressingham White"	C 3L	7/m2
108	No.	Geranium macrorrhizum "Bevan's Variety"	C 2L	9/m2
114	No.	Luzula nivea	C 3L	9/m2

Aquatics/Marginals

QTY	UNIT	PLANT NAME	STOCK	SPACING
164	No.	Phragmites australis	C 1L	5/m2

Pollards
Nursery

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Client: Redrow Homes Southern Counties Scale: 1:500@A1

Project: Pollards Nursery, Barnham By/Chk: LM/JH

Drawing Title: Planting Plan 2 of 2 Date: 09/11/16

Drawing Number: 2600-PP-13 Revision: P8