Plant Schedule

QTY	UNIT	PLANT NAME	STOCK	FORM	GIRTH/ HEIGHT
Trees					
8	No.	Acer campestre 'Streetwise'	RB	STD	18-20cm
5	No.	Acer campestre	RB	STD	20-25cm
4	No.	Betula pendula (multi-stem)	RB	MSTEM	450-500cm
8	No.	Betula pendula	RB	STD	18-20cm
5	No.	Carpinus betulus 'Lucas'	C	STD	18-20cm
4	No.	Crataegus monogyna	C	STD	18-20cm
1	No.	Fagus sylvatica 'Purpurea'	RB	STD	18-20cm
2	No.	Ilex 'Nellie Stevens'	C	STD	18-20cm
9	No.	Liquidambar styraciflua	RB	STD	18-20cm
1	No.	Malus 'Discovery'	C	STD	16-18cm
4	No.	Malus 'Evereste'	RB	STD	16-18cm
1	No.	Malus 'Scrumptious'	B	1/2STD	200-250cm
3	No.	Prunus 'Sunset Boulevard'	RB	STD	16-18cm
3	No.	Prunus avium 'Sunburst'	B	1/2STD	200-250cm
10	No.	Prunus avium	RB	STD	18-20cm
1	No.	Prunus domestica 'Victoria'	C	STD	16-18cm
3	No.	Prunus x subhirtella 'Autumnalis Rosea'	RB	STD	16-18cm
3	No.	Pyrus calleryana 'Chanticleer'	RB	STD	16-18cm
2	No.	Pyrus communis 'Conference'	B	1/2STD	200-250cm
3	No.	Quercus robur	RB	STD	18-20cm
3	No.	Sorbus aria	RB	STD	20-25cm
5	No.	Sorbus aucuparia 'Sheerwater Seedling'	RB	STD	16-18cm
3	No.	Sorbus aucuparia	RB	STD	18-20cm
5	No.	Tilia cordata	RB	STD	18-20cm

QTY	UNIT	PLANT NAME	STOCK	SIZE
Hedges				
139	m	Escallonia 'Apple Blossom'	C 15L	60-80cm
417	No.	Plants spaced @3/m in a single row.		
232	m	Euonymus japonicus 'Jean Hugues'	C 5L	40-60cm
928	No.	Plants spaced @4/m in a single row.		
70	m	Ligustrum vulgare	B	80-100cm
350	No.	Plants spaced @5/m in a double staggered row. Cut to 0.9m after planting.		
97	m	Prunus lusitanica	C 10L	60-80cm
194	No.	Plants spaced @2/m in a single row.		

PERCENT	QTY	PLANT NAME	STOCK	SIZE
Hedge Mixes				
396m LOW WATER DEMAND NATIVE HEDGE MIX planted @5/m in a double staggered row				
15%	297No.	Corylus avellana	B Trans	80-100cm
15%	297No.	Cornus sanguinea	B Trans	60-80cm
25%	495No.	Carpinus betulus	B Trans	80-100cm
5%	99No.	Ilex aquifolium	RB	80-100cm
25%	495No.	Ligustrum vulgare	B Trans	80-100cm
15%	297No.	Viburnum opulus	B Trans	80-100cm
To be planted in species groups of 5-7. 900mm high timber stake and wire mesh fence on the outter edge of the hedge.				

QTY	UNIT	PLANT NAME	STOCK	SIZE	SPACING
Shrubs					
35	No.	Choisya ternata 'Aztec Pearl'	C 5L	30-40cm	2/m2
31	No.	Cistus 'Silver Pink'	C 3L	20-30cm	3/m2
2	No.	Cornus kousa 'Chinensis'	C 20L	100-125cm	1/m2
195	No.	Cornus sanguinea	C 5L	60-80cm	3/m2
15	No.	Elaeagnus x ebbingei	C 10L	80-100cm	1/m2
6	No.	Euonymus europaeus	C 20L	150-175cm	1/m2
115	No.	Hebe 'Great Orme'	C 5L	30-40cm	3/m2
70	No.	Hebe 'White Gem'	C 3L	30-40cm	3/m2
48	No.	Hypericum 'Hidcote'	C 5L	30-40cm	3/m2
109	No.	Lavandula angustifolia 'Munstead'	C 3L	20-30cm	4/m2
53	No.	Lavandula angustifolia 'Nana Alba'	C 5L	30-40cm	5/m2
90	No.	Lonicera pileata	C 3L	30-40cm	3/m2
1	No.	Philadelphus 'Belle Etoile'	C 5-7.5L	40-60cm	2/m2
84	No.	Pittosporum tenuifolium 'Golf Ball'	C 5L	20-30cm	4/m2
63	No.	Sarcococca confusa	C 10L	40-60cm	2/m2
94	No.	Skimmia japonica 'Rubella'	C 5L	30-40cm	3/m2
46	No.	Skimmia confusa 'Kew Green'	C 5L	30-40cm	3/m2
2	No.	Viburnum x bodnantense 'Dawn'	C 5-7.5L	60-80cm	1/m2

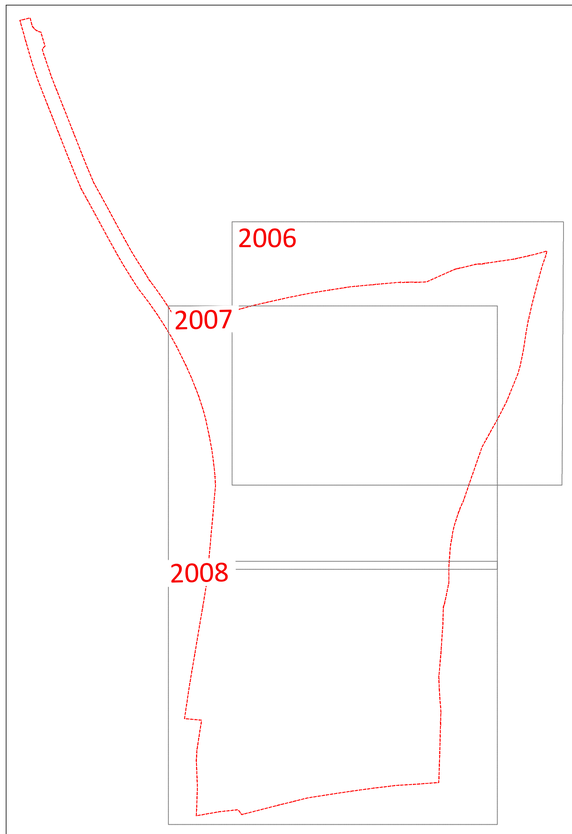
PERCENT	QTY	PLANT NAME	STOCK	SIZE
Plant Mixes				
71m2 BULB MIX SUN planted @20/m2				
25%	355No.	Crocus speciosus 'Conqueror'		5-6cm
25%	355No.	Crocus chrysanthus 'Cream Beauty'		5-6cm
20%	284No.	Crocus 'Vanguard'		5-6cm
15%	213No.	Narcissus pseudonarcissus		10/12cm
15%	213No.	Narcissus poeticus var. recurvus		10/12cm
Individual varieties to be planted in clusters of 10-15.				
411m2 NATIVE UNDERSTORY SHRUB MIX planted @1m centres				
10%	41No.	Corylus avellana	B Trans	
10%	41No.	Cornus sanguinea	B Trans	
20%	82No.	Crataegus monogyna	B Trans	
10%	41No.	Euonymus europaeus	B Trans	
5%	21No.	Ilex aquifolium	C 3L	
10%	41No.	Ligustrum vulgare	B Trans	
10%	41No.	Prunus spinosa	B Trans	
5%	21No.	Rosa canina	B Trans	
10%	41No.	Viburnum lantana	B Trans	
10%	41No.	Viburnum opulus	B Trans	
Individual varieties to be planted in groups of approximately 7-10.				
Planting positions to be a minumum 750mm from any edges to allow plants to develop.				
1349m2 NATIVE UNDERSTORY SHRUB MIX FOR DEEP SHADE planted @1m centres				
10%	135No.	Buxus sempervirens	C 3L	
5%	67No.	Corylus avellana	B Trans	
5%	67No.	Cornus sanguinea	B Trans	
5%	67No.	Crataegus monogyna	B Trans	
5%	67No.	Daphne laureola	B Trans	
10%	135No.	Euonymus europaeus	B Trans	
15%	202No.	Ilex aquifolium	C 3L	
10%	135No.	Ligustrum vulgare	B Trans	
15%	202No.	Ruscus aculeatus	C 3L	
10%	135No.	Taxus baccata	C 3L	
10%	135No.	Viburnum opulus	B Trans	
Individual varieties to be planted in groups of approximately 7-10.				
.Planting positions to be a minumum 750mm from any edges to allow plants to develop.				
129m2 NATIVE THORNY MIX BUFFER WITH ROSES planted @3/m2				
5%	19No.	Cornus sanguinea	B Trans	60-80cm
15%	58No.	Crataegus monogyna	B Trans	60-80cm
20%	77No.	Ilex aquifolium	C 3L	60-80cm
5%	19No.	Lonicera peryclimenum	C 3L	60-80cm
20%	77No.	Prunus spinosa	B Trans	80-100cm
5%	19No.	Rosa arvensis	B Trans	60-80cm
10%	39No.	Rosa canina	B Trans	60-80cm
5%	19No.	Rosa rubiginosa	B Trans	60-80cm
15%	58No.	Ulex europaeus	C 3L	40-60cm
Individual varieties to be planted in groups of approximately 7-10.				

QTY	UNIT	PLANT NAME	STOCK	SPACING
Herbaceous plants				
34	No.	Acanthus mollis	C 5L	3/m2
40	No.	Agapanthus album	C 2L	8/m2
21	No.	Anemone x hybrida 'Honorine Jobert'	C 2L	5/m2
101	No.	Bergenia 'Bressingham White'	C 2L	5/m2
88	No.	Geranium x oxonianum 'Wargrave Pink'	C 3L	4/m2
66	No.	Rudbeckia fulgida sullivantii 'Goldsturm'	C 2L	4/m2

Notes and Abbreviations

B	=	Bare root (bagged).
C	=	Container (or pot) grown, followed by size of the container (or pot).
FORM	=	Shape of tree as supplied by the nursery.
MStem	=	MultiStem.
QTY	=	Quantity
RB	=	Rootballed (balled and wrapped).
SIZE	=	Height or Spread of juvenile plant.
Std	=	(clear stem) 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.



Location Plan

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.
- Planting will commence during the first planting season (mid Nov-mid March) after substantial completion of the site. Should planting commence outside the dormant period (October to mid-March), allow for all bare root stock to be supplied container grown and an intensive watering regime.
- 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. Test results without soil scientist's analysis for compliance against the specification and recommendations will not be acceptable.
- The soil profile for landscape areas shall be as follows: Amenity grass areas - 100mm Topsoil over 350mm Subsoil; Shrub areas - 300mm over 300mm Subsoil; Tree pits - 300mm Topsoil over 600mm-800mm Subsoil (depending on size of rootball). Topsoil to BS 3882:2015, Subsoil to BS 8601:2013. All landscaped areas to be free draining.
- Contractors to ensure all planting beds and tree pits are free draining. Prior to topsoiling all compacted ground is to be fully de-compacted and deep ripped (400-600mm) to allow good drainage.
- All areas where soil is to be incorporated over formerly hard areas or compacted ground, these are to be excavated a further 300mm, or as required to remove all sub-base aggregate and backfilled to below topsoil level with free draining subsoil to match PH of topsoil used on site. Following settlement of subsoil, top up areas and cultivate to depth of topsoil.
- Contractor to only work with or over topsoil when dry to avoid compaction and the need for lengthy remedial operations to re-create a friable, free-draining soil.
- Trees to be selected and planted in accordance with BS 8545:2014. Tree pits in soft areas should be no deeper than the existing rootball or container depth and should have a diameter at least 75mm greater than the root system. The base of the tree pit, if sub-soil, should remain undisturbed, unless additional measures are specified, to avoid sinking of the rootball. Sides of the tree pit should be scarified to promote lateral root growth. The root-flare should be proud of the soil and easily visible after planting. Tree stock should be supplied with nursery line marked on tree if available from nursery and line planted flush with ground level. Existing soil horizons (where visible/ apparent) should be replicated as far as practicable.
- Unless specified otherwise, trees are to be secured by stakes: 14-16cm girth trees and below by single stake and 18-20cm girth trees and larger to be double staked. Multi-stem trees to be secured with single angled stake to main leader. 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 (minimum 5 years).
- 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/ strimmer guards or mulched with a min 500mm diameter circle of mulch away from the main stem/trunk to protect stem/ trunk from strimmer damage.
- 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. Root barrier to be located as far from the tree as possible to maximise root growth and stability of the tree.
- Meadow/ Wildflower areas to be installed on min 200mm graded, de-compacted and cultivated subsoil. To remove unwanted weed grasses, the area shall be treated with an appropriate systemic herbicide prior to seed bed cultivation and left for minimum two weeks.
- Where manhole covers are located in shrub beds or hedge planting ensure that plants are spaced appropriately so they are not immediately adjacent to the cover.
- All preparations, both hard and soft under/ around trees to be retained must be carried out by hand to protect roots.
- Climbers to be planted min 250mm away from supporting structure, nursery canes removed and attached to climber support using appropriate ties.
- 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. Plants to be firmed, watered in and dead/damaged branches removed after planting.
- Pesticides (herbicides, insecticides, fungicides and slug pellets etc) should not be used to prevent cumulative fatal effects to animals via the food chain, particularly invertebrates, birds and/or mammals. Any pesticides use for invasive weeds should be non-residual.
- A slow-release biological based 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 such as Melcourt Amenity Bark Mulch, 3-35mm, or similar, to a minimum depth of 50mm after plants have been well watered. Where perennials are used a fine composted mulch such as Melcourt Composted Fine Bark or similar shall be applied to a depth of 50mm Care must be taken not to smother the plants.
- Where appropriate hedge species shall be pruned by up to one third to promote bushy growth.
- Bulbs shall be planted at a depth of three times their height into cultivated topsoil and plant hole to be backfilled with excavated material.
- 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.
- Should the site be at risk of rabbits, deer or badger appropriate measures should be agreed, prior to planting, to ensure successful plant establishment - spiral rabbit protection guards, staking turf, appropriate stock fencing etc.

APAL FILE REFERENCE
3424-APA-ZZ-XX-PP-L-2005.dwg

Notes

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North

Rev	Description	Date	Drawn	Checked
P06	Hedge added south of pumping station	07/10/26	TB	TB
P05	Amendments to root barriers alongside soil cells	01/10/26	CG	TB
P04	Root barriers emitted, tree soil cells added, LAP relocated	11/09/26	CG	JH
P03	Easement made clearer	05/08/26	TB	TB
P02	Schedule updated	31/07/26	CG	TB
P01	Issue for NMA and tender	30/06/26	CG	TB

Drawing Status
PLANNING

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Client
Bellway Homes Limited (South London)

Scale
N/A

Project
Land at Woodfords
Shipley Road, Southwater

Project No
3424

Drawing Title
Planting Schedule and Horticultural Notes

Date
16/06/26

By/Chk
CG/TB

Drawing Number
3424-APA-ZZ-XX-PP-L-2005

Revision
P06