

SUPERSEED

Notes

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- Only figured dimensions are to be taken from this drawing. All contractors must visit site and be responsible for taking and checking all dimensions related to the works shown on the drawing.

Proposed Climbing Plants

To be planted in a minimum of 300mm depth approved topsoil to BS 3882:2007 'Multipurpose' or better in the first available planting season after construction. All climbing plants are to be planted as container stock unless otherwise specified, all stock is to be well rooted into the container.

All climbing plants are to be planted with a slow release organic fertilizer and backfilled with a mixture of excavated top soil and compost (not peat based). A minimum of 50 mm approved ornamental grade bark mulch is to be applied to planting areas unless stated otherwise. All climbers that are not self supporting are to be supported using wire eyes and plastic coated steel wire, climbers are to be secured using plastic coated clips.

Proposed Hedge Planting

To be planted in a minimum of 300mm depth approved topsoil to BS 3882:2007 'Multipurpose' or better in the first available planting season after construction.

All shrubs are to be planted as container stock unless otherwise specified, all stock is to be well rooted into the container. All hedges are to be planted in double staggered rows. All shrubs are to be planted with a slow release organic fertilizer and backfilled with a mixture of excavated top soil and compost (not peat based). A minimum of 50 mm approved ornamental grade bark mulch is to be applied to planting areas unless stated otherwise.

Planting Guidelines

- All planting and landscape operations should comply with the requirements specified in BS 3992:1992 'Nursery Stock (Part One) and BS4428:1998 'Code of Practice for General Landscape Operations' (excluding hard surfaces).
- All topsoil and testing to conform to BS 3882:2007 'Specification for Topsoil and Requirements for Use'.
- All topsoil used for planting to be tested by an approved Topsoil Analyst and any required amelioration or soil improvements to be carried out in line with Analyst's report.
- All fertilizers are to be applied or supervised by qualified staff to avoid the action of phytotoxicity.
- Nurseries to provide protocols for ensuring that plant stock is free of invasive species.
- No planting to be carried out when the site is covered by frost.
- Irrigation of plant material to be carried out during periods of drought will be required to ensure successful establishment of all plant stock.
- All new planting to be protected from mammal grazing by individual guards or stock proof fencing.
- If planting is to be carried out during the growing season, all bareroot / rootballed plant stock is to be substituted with containerised stock, Specification to be agreed with Landscape Architect prior to ordering and implementation.

Maintenance Notes - Overview

- All landscaped areas are to be maintained for 24 months following practical completion of the phase or until the plants have established, all tree planting to be maintained for 36 months.
- Planting to be protected from mammal and human damage by stock proof fencing.
- All planted areas are to be kept clear of weeds at all times throughout maintenance period.
- Planted areas to be looked through regularly to keep soil loose and aerated.
- All litter and debris to be removed from landscaped areas and carried off site.
- Plants pruned as instructed by the Landscape Architect to promote healthy growth and to remove dead and diseased wood.
- Watering as required to maintain healthy growth.
- Any species that dies or fails to establish in the first five years should be replaced by an identical species, or alternative species as agreed with LPA.

Additional Notes

- Existing levels to be preserved around existing trees and vegetation to be retained.
- Existing trees and vegetation to be retained are to be protected during construction to BS 5837:2012 'Trees in Relation to Design, Demolition and Conservation Recommendations'.
- Any necessary tree works to be carried out by an approved tree surgeon to BS 3996:2010 'Recommendations for Tree Work'.
- For all arboricultural issues refer to survey and reports carried out by treebirds.
- Final location and tree species selection will be subject to service report and foundation depths to be provided by engineers.

Proposed Tree Planting

Size/Spec Refer to plant schedule for details
Supplier: Folia or similar approved
Notes: All batches of species are to be labelled prior to delivery.

Proposed Hedge Planting

Product: Folia or similar approved
Size/Spec Refer to plant schedule for details
Supplier: Folia or similar approved
Notes: All batches of species are to be labelled prior to delivery, all roots are to be protected during transit to prevent roots drying out. Once delivered to site, plants are to be heeled in and planted within five working days.

Proposed Amenity Grass

Product: A19 Seed Mix
Size/Spec Refer to plant schedule for details
Supplier: British Seed Housing or similar approved

Proposed Meadow grass

Product: EPI Bulb Seed Houses
Size/Spec Refer to plant schedule for details
Supplier: Emergent Seeds
Notes: Seeding will be subject to sward establishment. Withflow seed maybe required in places if gradient is steeper than 1:1.

Climber

Product: Container grown plant stock
Size/Spec Refer to plant schedule for details
Supplier: Folia or similar approved
Notes: All batches of species are to be labelled prior to delivery.

Proposed Bulb Planting

Product: Dry Bulb
Size/Spec: Topsoil
Supplier: Jacques Amand or similar approved

Application Boundary

Refer to engineers drawings for details and specification

Proposed Tree Planting

Species	Common Name	Symbol	Size/Spec	Condition	Quantity
Aster campestris 'Sneezewort'	Aster	As	16-18cm	RB	12
Betula pendula	Birch	Bp	16-18cm	RB	4
Betula ulula subsp. jacquemontii	Birch	Bu	16-18cm	RB	21
Carpinus betulus 'Frans Fontaine'	Hornbeam	Cb	30-35cm	RB	36
Cotinus 'Royal Purple'		Cp	14-16cm	RB	1
Pyrus calleryana 'Charlicker'	Pear	Pc/C	14-16cm	RB	9
Sorbus	Sa	Sa	14-16cm	RB	3
Quercus robur	Oak	Qr	30-35cm	RB	3
Quercus robur	Oak	Qu	14-16cm	RB	11

Proposed Shrub Planting

Species	Common Name	Size/Spec	Condition	Density	Quantity
Aucuba japonica 'Hillier'	Japanese Laurel	40-60cm	CS	Sm2	731
Cholera temata	Medean Orange Blossom	40-60cm	CS	Sm2	1304
Ceanothus 'Blue Mound'	California Lilac	40-60cm	CS	Sm2	938
Cotoneaster 'Skogholm'	Cotoneaster	40-60cm	CS	Sm2	433
Cotinus coccinea 'Royal Purple'	Smoke Bush	40-60cm	CS	Sm2	111
Cistus x aguilari 'maculatus'	Spotted White Rock Rose	30-40cm	CS	Sm2	852
Cistus purpureus	Purple Flowered Rock Rose	30-40cm	CS	Sm2	255
Escalonia 'Red Elf'		40-60cm	C10	1.5m2	181
Hebe 'Oratia Beauty'		30-40cm	CS	Sm2	1328
Hebe 'Veronica'		30-40cm	CS	Sm2	1240
Lavandula angustifolia 'Hidcot'	English Lavender	30-40cm	CS	Sm2	372
Lavandula pedunculata	French Lavender	30-40cm	CS	Sm2	473
Lavandula 'Vera'		30-40cm	CS	Sm2	563
Mahonia japonica	Japanese Mahonia	40-60cm	CS	Sm2	221
Oenanthe heterophyllus 'Gullifer'	Oregon Grape	40-60cm	CS	Sm2	718
Philadelphus 'Mantau d'Hermine'	Holly Olive	40-60cm	CS	Sm2	861
Phorbia x fraseri 'Red Robin'	Christmas Berry 'Red Robin'	40-60cm	CS	Sm2	78
Prunus laurocerasus 'Otto Luyken'	Cherry Laurel 'Otto Luyken'	40-60cm	CS	Sm2	1478
Philadelphus 'Mantau d'Hermine'	Mock Orange	40-60cm	CS	Sm2	872
Salix repens	Clifford Crab	40-60cm	CS	Sm2	1523
Skimmia rubra	Sweet Bee	20-40cm	CS	Sm2	1710
Sarcococca 'Compacta'	Compact Cuckoo Rose	40-60cm	CS	Sm2	464
Viburnum 'Eve Pico'		30-40cm	CS	Sm2	1209
Viburnum davidii		10-15cm	C3	Sm2	66
Vinca minor 'Atropurpurea'	Periwinkle				

Proposed Herbaceous Planting

Species	Common Name	Size/Spec	Condition	Density	Quantity
Bergenia 'Bressingham White'	Elephant Ears	15-20cm	C3	Sm2	20

Proposed Hedge Planting

Species	Common Name	Size/Spec	Condition	Density	Quantity
Carpinus betulus	Hornbeam	125-150cm	CS	S/LM	1760
Escalonia 'Red Hedge'		125-150cm	CS	S/LM	1760

Proposed Climbing Plants

Species	Common Name	Size/Spec	Condition	Density	Quantity
Clematis 'Amaldi'	Clematis	60-80cm	C3	as shown	23
Jasminum x emmenanthe	Jasmine	60-80cm	C3	as shown	5

Proposed Bulb Planting

Species	Common Name	Size/Spec	Condition	Density	Quantity
Hyacinthoides non-scripta	Bluebell	top size	50m2	910	
Lilium martagon	Lily	top size	50m2	659	

Planting Specification

Proposed Tree Planting
To be planted in the first available planting season after construction as root balled stock. Tree pit dimensions are subject to soil conditions, soil report provided by Agronomist and rootball size. Tree pit sizes are to be agreed with Landscape Architect prior to excavation and inspected by the Landscape Architect prior to planting. All tree pits to have irrigation pipe and end cap. 150mm depth aggregate drainage layer with geotextile separation and horticultural grade sand to support root ball. Trees within hard landscape areas to have Shallow tree pit or similar and approved.

- All topsoil to conform to BS 3882:2007 'Multipurpose' or better. The tree pit shall be backfilled with previously prepared topsoil excavated from the pit and additional topsoil as required.
- All backfilled material is to include an organic slow release fertilizer.
- Tree support to be underground anchors to BS 4032:1989 'Recommendations for Transplanting Root-Balled Trees' for trees in excess of 20cm girth. For trees under this size two unbracketed scaffold stakes at min 7.5m diameter @ 230 cm length driven into the ground to either side of the rootball, top of stake to min 750mm height above finished soil level. The stem of the tree should be placed in place with 'Tume' tree ties or similar and approved. Ties and stakes to be checked and adjusted every six months or after periods of strong wind and rain.
- Tree pit not harder to be installed to all trees within 3m of any underground service route. Barrier material to be agreed. Contractor to confirm locations of all services prior to implementation.

Proposed Shrub Planting

To be planted in a minimum of 300mm depth approved topsoil to BS 3882:2007 'Multipurpose' or better in the first available planting season after construction.

All shrubs are to be planted as container stock unless otherwise specified (GBs), all stock is to be well rooted into the container.

All shrubs are to be planted with a slow release organic fertilizer. A minimum of 50 mm approved ornamental grade bark mulch is to be applied to planting areas unless stated otherwise.

In wet conditions it may be required to add additional support with stakes and ties for trees with underground anchors. This is to be inspected in a regular basis.

Proposed Herbaceous Planting

All plants to be of local provenance with mix ratio and specification considered and approved by the EA and LPA. All plants should be guaranteed free of pernicious common plant propagules and collection of nationally rare species should be undertaken in full compliance of regulatory frameworks.

General Grass Mix

Species	Common Name	%
Escalonia	Perennial Ryegrass	40
Corall	Cheeping Red Fescue	30
Rubus	Cheeping Fescue	25
Highland	Bromus Bunt	5

SUDS

EPI - Proposed Pond Edge

Pond edge mixture EPI contains wild flowers and grasses suitable for sowing at the wet margins of ponds, streams and ditches. The mix ratio and specification are to be considered and approved by the EA and LPA.

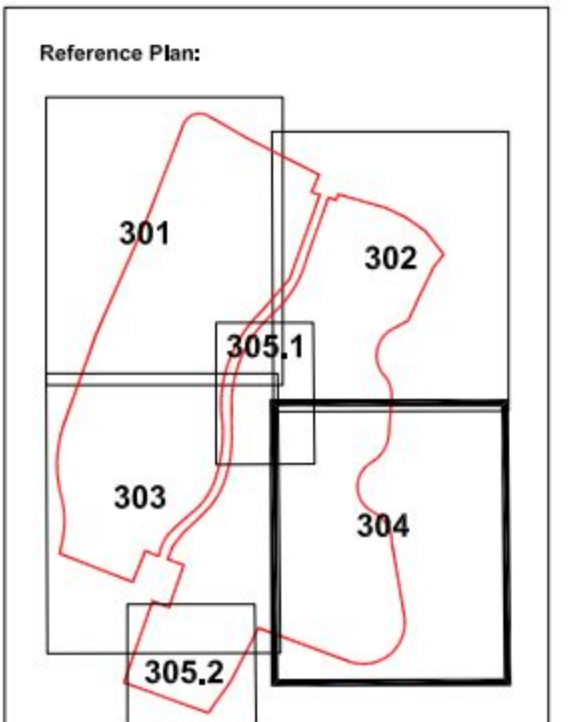
Wild Flowers (20%)

Species	Common Name	%	Grams/m ²
Achillea ptarmica	Sneezewort	0.5	4
Angelica sylvestris	Wild Angelica	2.5	4
Caltha palustris	Marsh Marigold	0.5	4
Eupatorium cannabinum	Hemp Agrimony	0.5	4
Filipendula ulmaria	Meadowsweet	2.5	4
Geum rivale	Water Avenas	0.5	4
Hypericum tetraetrum	Square St John's Wort	0.5	4
His pseudonax	Yellow Iris	2.5	4
Lotus pedunculatus	Greater Birdfoot Trefoil	1.0	4
Lycalis flos-cuculi	Ragged Robin	0.5	4
Lycopus europaeus	Glycyrrh	1.0	4
Lytium salicaria	Purple Loosestrife	1.5	4
Pulicaria dysenterica	Flaxbane	0.2	4
Ranunculus acris	Meadow Buttercup	1.0	4
Sorghastrum nutans	Water Flag	0.2	4
Succisa pratensis	Devil's-bit Scabious	0.8	4
Thalictrum flavum	Common Meadow-Rue	1.5	4
Vilva oroxa	Tufted Vetch	2.0	4

Grasses (80%)

Species	Common Name	%	Grams/m ²
Agrostis capillaris (w)	Common Bent	12	4
Alpecurus pratensis (w)	Meadow Foxtail	3	4
Anthoxanthum odoratum (w)	Sweet Vernal-grass	2	4
Beta media (w)	Quaking Grass	1	4
Cynosurus cristatus	Crested Dogtail	36	4
Deschampsia cespitosa (w)	Tufted Hair-grass	1	4
Festuca rubra ssp. juncea (w)	Slender Cheeping Red Fescue	25	4

REFER TO FABRIK DRAWING L.303



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Project
Berewood, Phase 2 for Redrow Homes (Southern)

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trb

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Revision
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Detailed Soft Landscape General Arrangement Plan
(Sheet 4 of 5)

Issued for Design/Information

Issued for Tender

As Built

Drawing sheet size - A0

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