IMPLEMENTATION AND MAINTENANCE GUIDELINES

All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. Planting shall not be carried out when the ground is waterlogged, frostbound or during periods of cold drying winds. All bare root stock shall be root dipped in an approved water-retaining polymer. Tree planting implementation and maintenance to conform to BS 8545:2014 Trees 'From Nursery to Independence i

If the formation level is compacted it should be ripped through before topsoiling Topsoil depths to be $450 \mathrm{mm}$ for shrub beds and $150 \mathrm{mm}$ for grass areas.

ORNAMENTAL SHRUBS AND TREES

Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period as recommended by the manufacturer for this to take effect. A general purpose slow release fertiliser at the rate of 75gm/m2 and Tree Planting and Mulching Compost at the rate of 20litres/m2 are to be incorporated into the top 150mm of topsoil during final cultivations. Al extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site trees up to and including selected standards are to be supported with single 75mm diameter stakes. All rootball, container grown and trees over heavy standard size shall be double staked. Any feature trees semi mature in size to be secured with a planting the tree, taking care to avoid underground services and cables etc.

Shrubs and hedges are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well firmed in.

Trees are to be placed into the pits and backfilled with topsoil incorporating slow release fertilizer and Tree Planting and Mulching Compost as specified. Firm trees in well and secure with proprietary rubber tree ties and spacers.

Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas, ensuring groundcover plants are not

The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

Litter clearance: All litter is to be removed from planting beds.

Watering: Planting areas are to be brought up to field capacity at each visit and each tree is to receive 20 gallons.

Checking trees: All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chaffing is occurring. Any broken stakes are to be replaced.

Formative pruning: Any damaged shoots/branches are to be pruned back to healthy wood. Plants are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens..

NATIVE SHRUB PLANTING

The extent of the planting area shall be set out using 38x38x1200mm timber stakes at each change in direction and at a

All herbaceous material within the proposed planting area shall be sprayed out using an approved herbicide at least two weeks before planting and the ground shall be cultivated to a depth of 150mm. or : for pit planting

A 900mm diameter circle shall be sprayed out at each planting station using an approved herbicide at least two

All bare rooted stock is to be root dipped in water retaining polymer. Proposed planting is to be planted on an informal grid. To avoid straight lines each planting station can be moved by up to 300mm in any direction.

a. All stock to be protected from rabbit damage using approved proprietory tree and shrub shelters, 900mm and 600mm high respectively, secured with stakes and ties as advised by the manufacturer.
b. All stock to be protected from rabbit damage by 900mm high rabbit fencing erected in accordance with the manufacturers

Using approved herbicides a 900mm diameter circle centered on each planting station shall be kept weed free throughout the Each Autumn after planting and until handover to the adopting authority, the contractor will prepare a list of all plants which are dead, dying or diseased and will replace these during the following planting season.

e hedge line shall be set out using 38x38x1200 stakes at maximum 50m intervals and all herbaceous material within 400mm of the centre line shall be sprayed out using an approved herbicide at least two weeks before planting.

The 800mm wide hedge line shall be cultivated to 150mm incorporating Enmag or equal at 75gm/m2.

Plants shall be notch planted in two rows 250mm apart and staggered at 300mm centres.All plants are to be protected with a 600mm proprietary shelter secured with a stake/cane and ties as recommended by the manufacturer

Using approved herbicides a 800mm wide swathe centred on the hedgeline shall be kept weed free throughout the

Turfing operations shall be in accordance with BS 4428.

Whole turves shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on turves already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be

Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil. All seed mixes to be specified in accordance with those set out in the approved management

When newly seeded areas reach 50mm they should be cut back to a height of 30mm and then cut twice annually in early Spring and late Summer. All arisings shall be removed or spread evenly across grassland. Any bare patches shall be made good at

Existing Topsoil
Pre-planting herbicide application:Apply by suitable spraying apparatus, an approved translocated systemic herbicide to the manufacturer's instructions and to
1997 Control of Pesticides Regulations and 2002 COSHH regulations on all beds, except those which are both weed free and are to receive agrotextile sheet mulch. Spray immediately if any weeds are present. If none are showing, but there may be a delay before planting, or the area is to be seeded, spray affer one month following cultivation, to allow dormant seed to terminate. All spraying shall be carried out by skilled and qualified operatives, using protective clothing, in suitable weather (no wind) and any damage caused by spray drift, from incorrect usage or spillage, shall be rectified at the contractor's own cost. at as necessary to ensure complete kill and rake off all dead material from s

arry out the following works to the existing topsoil on site to ensure it Conforms to BS 3882:2015, being free from rocks larger than 50mm diameter, concrete, all roots, wire, brick, and have less than 20% clay. Allow for pre-application of herbicide as above. Fertilize with 100g per metre square of Vitax "Nutricote 180" slow release fertilizer, in accordance with the manufacturer's instructions. For beds less than 5 metres in width, fork over thoroughly or machine rotavate soil to a depth of 300mm, ensuring that the subgrade and topsoil are completely broken up and free draining, relieving any compaction. For beds greater than 5 metres in width, break up the subgrade and topsoil using a tractor mounted subsoiler or ripper at 500mm centres to a depth of 500mm, except where there are services, or within 10 metres of tree stems or 3 metres of existing hedges. Do not rip areas where roots greater than 10mm diameter are encountered.

Any imported topsoil for making up ground, shall conform to BS:3882:2015, and be free from rocks (over 50mm diameter). concrete, roots, wire and brick, and have less 20% clay.

either removed by hand or through the application of an approved Glyphosate based herbicide (all herbicides should only be handled by certified users and in accordance with the COSHH Regulations 2002). The ground will them be ploughed and raked to produce a medium tilth with debris and stones over 25mm diameter reomved. The surface shall be raked to smooth flowing

Meadow and wildflower seed mixes shall be sown in either August -September or March -April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 4 or 5 g/m2, according to supplier's recommendations. After sowing the contractor shall roll the seed into intimate contact with the

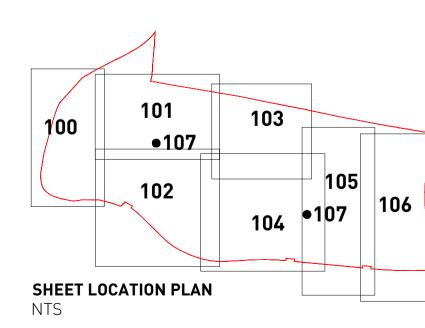
soil with a ribbed Cambridge roller. All litter should be removed from areas prior to mowing. The following procedures should not be undertaken in adverse weather conditions or if ground conditions prevent the use of machinery without damage to the ground

Management of subsequent years comprises a single Autumn cut in September or October to allow plants to set seed

surface. Mow regularly throughout the first year of establishment to encourage basal growth and reduce week

competition. All arisings shall be removed or deposited in an area designated by the Contracts Manager. Any

Arisings shall be left for a minimum of 24 hours and a maximum of 7 days before being removed or relocated to an area



Site boundary

KEY



Tamacadam foorpath Tamacadam footpath with pcc edging.



Bench seating

Ref: BX17 40001T 'Roslin Bench' steel framed timber slat version, as supplied by Broxap or similar approved. Bench to be installed with submerged fixing set in concrete footings to manufacturers

Soft Landscape Proposals

Refer to plant schedule for details.



Proposed tree root barrier locations

Existing trees and vegetation to be retained

Existing trees and vegetation to be removed

Reroot 600 linear protection, supplied by GreenBlue Urban or similar approved. Any trees within 2m of services to be reroot 1000 linear protection. Exact location and specification subject to be reviewed by engineers and to be agreed with the



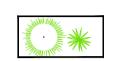
PLANT SCHEDULE



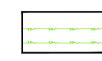
PROPOSED T ABBR	SPECIES	COMMON NAME	SUPPLY	HEIGHT (CM)	GIRTH	QTY (No.)
ACECAM	Acer campestre	Common Maple	EHStd	350-425cm		
	Acer campestre 'Elsrijk'	Field Maple 'Elsrijk'	EHStd	350-425cm		
	Acer platanoides 'Emerald Queen'		EHStd	350-425cm		
ALNGL	Alnus glutinosa	Common Alder	EHStd	350-425cm		-
AMLA	Amelanchier lamarkii	Snowy Mesipilus		200-250cm		-
BETNI	Betula nigra	River Birch	EHStd	350-425cm		
BETPE	Betula pendula	Common Silver Birch	EHStd	350-425cm	14-16cm	16 -
BETUTJA	Betula utilis Jacquemontii	Himalayan Birch	EHStd	350-425cm	14-16cm	7 –
	Carpinus betulus 'Frans Fontaine'	,	EHStd	350-425cm	14-16cm	7 –
CRAPR	Crataegus prunifolia	Plum-leaf Thorn	EHStd	350-425cm	14-16cm	7 –
LIRTU	Liriodendron tulipifera	Tulip tree	SM	400-500cm	18-20cm	3 -
MALTRI	Malus trilobata	Lebanese wild apple	EHStd	350-425cm	14-16cm	10 -
PRUBOUA	Prunus 'Sunset Boulevard'	Flowering Cherry 'Sunset Boulevard'	EHStd	350-425cm	14-16cm	10 -
PRURANA	Prunus sargentii 'Rancho'	Sargent Cherry 'Rancho'	EHStd	350-425cm	14-16cm	12 -
PYRCACH	Pyrus calleryana 'Chanticleer'	Flowering Pear 'Chanticleer'	SM	400-500cm	18-20cm	2 -
PYRCACH	Pyrus calleryana 'Chanticleer'	Flowering Pear 'Chanticleer'	EHStd	350-425cm	14-16cm	9 —
QUEIL	Quercus ilex	Holly oak	EHStd	350-425cm	14-16cm	3 -
SALFR	Salix fragilis	Crack Willow	EHStd	350-425cm	14-16cm	10 -
SORAUCR	Sorbus aucuparia 'Cardinal Royal'	Rowan 'Cardinal Royal'	EHStd	350-425cm	14-16cm	10 -
TILCO	Tilia cordata	Small-leaved Lime	SM	400-500cm	18-20cm	5 -
TILCO	Tilia cordata	Small-leaved Lime	EHStd	350-425cm	14-16cm	2 -
TILCOGR	Tilia cordata 'Green Spire'	Small-leaved Lime 'Green Spire'	SM	400-500cm	18-20cm	6 -
TILCOGR	Tilia cordata 'Green Spire'	Small-leaved Lime 'Green Spire'	EHStd	350-425cm	4.4.6	



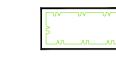
COMMON NAME SUPPLY HEIGHT (CM) GIRTH QTY (No.) CEAT Cedrus atlantica 'Glauca' Atlas cedar 70-90L 175-200cm 3 -PINSY Pinus sylvestris Scotch pine 70-90L 175-200cm 6 -



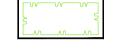
PROPOSED SPECIMEN SHRUBS & CLIMBERS ABBR SPECIES SUPPLY HEIGHT (CM) HABIT CENTRES QTY (No.) HYDGRAA Hydrangea paniculata 'Grandiflora' 25L 60-80cm Bushy Counted 8 -70L 100-125cm Bushy Counted 7 -MAGSU Magnolia 'Susan' 25L 100-125cm Triple Crown Counted 8 -PHOJE Phormium 'Jester' PHOSU Phormium 'Sundowner' 25L 100-125cm Triple Crown Counted 7 -



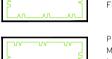
PROPOSED HEDGEROWS SUPPLY HEIGHT (CM) HABIT CENTRES (M) QTY (No.) ABBR SPECIES 10L 60-80cm Bushy 0.4Ctr 989 -LIGVU Ligustrum vulgare PRULAOL Prunus laurocerasus 'Otto Luyken' 10L 60-80cm Bushy 0.5Ctr 954 -10L 80-100cm Bushy 0.5Ctr 803 -



PROPOSED INDIVIDUAL SHRUBS SUPPLY HEIGHT (CM) HABIT CENTRES (M) QTY (No.) ABBR SPECIES HEBALRE Hebe albicans 'Red Edge' 10L 30-40cm 0.5Ctr 395 -30-40cm Bushy 0.7Ctr 129 -LAVANHI Lavandula angustifolia 'Hidcote' 10L 30-40cm Bushy 0.7Ctr 208 -LONNIMG Lonicera nitida 'May Green' 10L 40-60cm Bushy 0.7Ctr 224 - PACTE Pachysandra terminalis 3L 15-20cm Bushy 0.5Ctr 118 -



SUPPLY HABIT CENTRES (M) QTY (No.) ABBR SPECIES FESGLEB Festuca glauca 'Elijah Blue' 5L Full Pot 0.7Ctr 263 -



LARGE ORN MIX 10L AUCJA Aucuba japonica 60-80cm Bushy 0.7Ctr 264 -LARGE ORN MIX 10L CORALE Cornus alba 'Elegantissima' 60-80cm Branched 0.7Ctr 264 -LARGE ORN MIX 10L ELAMACA Elaeagnus pungens 'Maculata' 60-80cm Bushy 0.7Ctr 264 -60-80cm Bushy 0.7Ctr 264 -LARGE ORN MIX 10L PHOFRRER Photinia fraseri 'Red Robin' LOW MIX A CEATHR Ceanothus thyrsiflorus repens 30-40cm Bushy 0.7Ctr 48 -EUOFOENG Euonymus fortunei 'Emerald 'n' Gold 30-40cm Bushy 0.7Ctr 48 -HEBPIS Hebe pinguifolia 'Sutherlandii' 30-40cm Bushy 0.7Ctr 48 -LOW MIX A LAVANHI Lavandula angustifolia 'Hidcote' 30-40cm Bushy 0.7Ctr 48 -LOW MIX A PACTE Pachysandra terminalis 30-40cm Bushy 0.7Ctr 48 - Yes 30-40cm Bushy 0.7Ctr 93 - Yes BERTHAU Berberis thunbergii 'Aurea' PARKING MIX A PARKING MIX A CHOSUNA Choisya ternata 'Sundance' 30-40cm Bushy 0.7Ctr 93 -ESCLAGB Escallonia laevis 'Gold Brian' 40-60cm Bushy 0.7Ctr 93 -PARKING MIX A EUOFOENG Euonymus fortunei 'Emerald 'n' Gold' 3L 30-40cm Bushy 0.7Ctr 93 - Yes PLOT E&W MIX C1 CEATHR Ceanothus thyrsiflorus repens 40-60cm Bushy 0.7Ctr 191 - Yes PLOT E&W MIX C1 FESGLEB Festuca glauca 'Elijah Blue' 40-60cm Full Pot 0.7Ctr 191 - Yes PLOT E&W MIX C1 PHOFLRR Photinia x fraseri 'Little Red Robin' 40-60cm Bushy 0.7Ctr 191 -PLOT E&W MIX C1 PRULAZA Prunus laurocerasus 'Zabeliana' 40-60cm Bushy 0.7Ctr 191 -AUCJAR Aucuba japonica 'Rozannie' EUOFOEG Euonymus fortunei 'Emerald Gaiety' PLOT N MIX N1 30-40cm Bushy 0.7Ctr 171 - Yes PLOT N MIX N1 MAHAQAP Mahonia aquifolium 'Apollo' 30-40cm Bushy 0.7Ctr 171 - Yes PLOT N MIX N1 SKICOKEG Skimmia confusa 'Kew Green' 30-40cm Bushy 0.7Ctr 171 - Yes 0.7Ctr 198 - Yes EUOFOEG Euonymus fortunei 'Emerald Gaiety' 10L 30-40cm PLOT N MIX P1 Full Pot 0.7Ctr 198 -PLOT N MIX P1 EUPCW Euphorbia characias wulfenii FATJA Fatsia japonica 40-60cm Bushy 0.7Ctr 198 -PLOT N MIX P1 HYPHI Hypericum 'Hidcote' PLOT S MIX H1 BRASU Brachyglottis 'Sunshine' 40-60cm Bushy 0.7Ctr 106 -PLOT S MIX H1 CEATHR Ceanothus thyrsiflorus repens 40-60cm Bushy 0.7Ctr 106 - Yes PLOT S MIX H1 FSCAB Escallonia 'Apple Blossom' 60-80cm Bushy 0.7Ctr 106 -30-40cm Bushy 0.7Ctr 106 - Yes PLOT S MIX H1 LAVANVE Lavandula angustifolia 'Vera' CAREVE Carex 'Evergold' Full pot 0.7Ctr 30 -CISPINA Cistus 'Silver Pink' PLOT S MIX K1 30-40cm Bushy 0.7Ctr 30 - Yes PLOT S MIX K1 HEBALRE Hebe 'Red Edge' 20-30cm Bushy 0.7Ctr 30 - Yes PLOT S MIX K1 LAVANHI Lavandula angustifolia 'Hidcote' 20-30cm Bushy 0.7Ctr 30 - Yes DESCE Deschampsia cespitosa SENSORY MIX A Full pot 0.7Ctr 26 -SENSORY MIX A ECHPU Echinacea purpurea Full Pot 0.7Ctr 33 -EUOFOEG Euonymus fortunei 'Emerald Gaiety' 10L 30-40cm Bushy 0.7Ctr 30-40cm Bushy 0.7Ctr LAVANMU Lavandula angustifolia 'Munstead' SENSORY MIX A ROSOF Rosmarinus officinalis 40-60cm Bushy 0.7Ctr 26 -SENSORY MIX A SARCO Sarcococca confusa 10L 30-40cm Bushy 0.7Ctr 33 -



MARGINAL MIX 3 CARPR Cardamine pratensis 7cm Plug plant 7/m² MARGINAL MIX 3 CARPS Carex pseudocyperus 7cm Plug plant 7/m² 7cm Plug plant 7/m² MARGINAL MIX 3 CARRI Carex riparia MARGINAL MIX 3 IRIPS Iris pseudacorus 1L Full pot 7/m² 20% 611 -MARGINAL MIX 3 LYCFL Lychnis flos-cuculi 7cm Plug plant 7/m² 15% 461 – MARGINAL MIX 3 LYTSA Lythrum salicaria 7cm Plug plant 7/m² 10% 311 – MARGINAL MIX 3 PERAM Persicaria amphibia 7cm Plug plant 7/m² 15% 461 -



MIX NAME ABBR SPECIES BULB MIX C CROGY Crocus 'Golden Yellow' Dutch Crocus Bulb 100/m² 16.6% 37.1643m² BULB MIX C CROJDA Crocus 'Jeanne D' Arc' Dutch Crocus Bulb 100/m² 16.6% 37.1643m² 3720 -BULB MIX C CROQB Crocus 'Queen of the Blues' Dutch Crocus Bulb 100/m² 16.8% 37.6121m² 3769 -BULB MIX C NARCA Narcissus 'Canaliculatus' Dwarf Daffodils Bulb 60/m² 16.8% 37.6121m² 2260 — BULB MIX C NARFG Narcissus 'February Gold' Dwarf Daffodil Bulb 60/m² 16.6% 37.1643m² 2237 — BULB MIX C NARJF Narcissus 'Jet Fire' Dwarf Daffodil Bulb 60/m² 16.6% 37.1643m² 2237 —

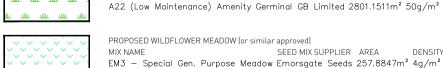
SEED MIX SUPPLIER AREA DENSITY



MIX NAME SEED MIX SUPPLIER AREA Medalion Turf Rolawn Limited 3530.8366m² PROPOSED AMENITY SEED MIX (or similar approved)

PROPOSED LAWN TURF (or similar approved)

MIX NAME



PROPOSED WILDFLOWER MEADOW (or similar approved) SEED MIX SUPPLIER AREA DENSITY EM3 — Special Gen. Purpose Meadow Emorsgate Seeds 257.8847m² 4g/m²

EM8 - Meadow Mix for Wetlands Emorsgate Seeds $3888.7698 \mathrm{m}^2~4\mathrm{g/m}^2$

SEED MIX SUPPLIER AREA



PROPOSED HEDGEROW EDGE MEADOW MIX (or similar approved) SEED MIX SUPPLIER AREA DENSITY EH1 -HEDGEROW MIXTURE Emorsgate Seeds 133.4728m² 4g/m²

PROPOSED WETLAND WILDFLOWER MEADOW (or similar approved)



All trees, feature shrubs, climbers, shrubs and hedgerows to be planted in accordance with the implementation and maintenance guidelines. All landscape proposals must be referred to by the Structural Engineer during foundation design. No tree, feature shrub, climber, shrub and hedgerow species, size or location should be altered without prior approval from the Landscape Architect.

 Individual shrub/herbaceous/grass species to be planted in groups of 3-7.
 Individual species within ornamental shrub mixes to be planted in groups of 5-9.
 Lower growing species within ornamental shrub mixes to be planted at the front of the shrub bed (as indicated).
- Individual bulbs species to alternate every 2 linear metres.
- Native hedgerow shrubs to be supplied as bareroot stock unless stated.
- Hedgerow shrubs to be planted within a 80cm wide bed and mulched. - Any native hedgerow shrubs to be planted on a double staggered row, 250mm apart with no less than 6 per linear metre within a 50cm wide bed in accordance with implementation and maintenance guidelines. Any feathered stock is to have a upright central stem furnished with evenly spread and balanced lateral growth the full length of the stem. If feathered hedgerow stock is proposed, shrubs are to be attached to a double line support (one for feathered stock at 1m high and one for transplant stock at 60cm high) fence using an approved clip tie and cut back to 1.2m in height at time of planting.

Pond marginal planting to be sourced from certified local provenance plant stock. Soiling operations to be carried out in accordance with the implementation and maintenance guidelines.

All planting to be in accordance with the implementation and maintenance guidelines. No species, variety, size or position to be amended without the Landscape Architects prior Before trees are planted, the Landscape Contractor shall ascertain the location of drains closer to houses/garages than is shown on the drawing, and if shown located in shrub beds the shape of the latter should be adjusted if necessary to accommodate the revised tree All planting must be mulched in accordance with the implementation and maintenance

If planting is required outside the October-March season, bare root shrubs will be replaced by 3L pot grown plants, and trees will be replaced by a containerised equivalent to be

F- (13/10/2023 SLI Tree location updated D- (18/04/2023 SL) Updated to planning comments C- (15/03/2023 SL) Updated to planning comments B- (14/03/2023 SL) Updated to latest layout A- (17/02/2023 SL) Updated to latest layout & Planning Comments Revisions:

Wykham Park Road, **Detailed Soft Landscape**

Drawing Ref: **P21-2662_103E** Client: **Persimmon Homes**

Proposals Sheet 4 of 7

First Issue- 07/07/2022 JZA

Drawn by : JZA Checked by : JZA/SL

: 1 : 250 @ A1

Scale