

WOODLAND PLANTING

CORE MIX

To be planted within central areas of the woodland at 2m centres

Common name	Latin name	No.s
Field maple	<i>Acer campestre</i>	45
Hornbeam	<i>Carpinus betulus</i>	45
Downy birch	<i>Betula pubescens</i>	45
Sweet Chestnut	<i>Castanea sativa</i>	45
Scots Pine	<i>Pinus sylvestris</i>	45
Crab apple	<i>Malus sylvestris</i>	45
Pedunculate oak	<i>Quercus robur</i>	130
Goat willow	<i>Salix caprea</i>	45
Small leaved lime	<i>Tilia cordata</i>	45
Wych elm	<i>Ulmus glabra</i>	45

EDGE MIX

To be planted within outer areas of the woodland at 2m centres

Common name	Latin name	No.s
Dogwood	<i>Cornus sanguinea</i>	45
Hazel	<i>Corylus avellana</i>	45
Hawthorn	<i>Crataegus monogyna</i>	130
Holly	<i>Ilex aquifolium</i>	80
Wild cherry	<i>Prunus avium</i>	45
Blackthorn	<i>Prunus spinosa</i>	80
Dog Rose	<i>Rosa canina</i>	45
Guelder rose	<i>Viburnum opulus</i>	45

NOTES:
The landscape contractor will make himself aware of the service locations prior to commencing planting operations and no tree will be planted closer than 4.5m to any adoptable cable or 3m to any private cable.

TOPSOIL:
At the time of starting work areas to be planted will be covered by either:
-- Uncompacted topsoil prepared as necessary by the Main Contractor so that it is a suitable state for the cultivation operators as stated below.
-- Topsoil to be 400mm depth for tree and shrub planting and 150mm depth for amenity grass.

IMPORTED TOPSOIL FOR PLANTED AREAS:
-- Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
-- To BS 3882, grade: General Purpose
-- Source to be confirmed by the Contractor.
-- Provide a declaration of analysis including information detailing each of the relevant parameters given in BS 3882, clause 6 and table 2 for the grade of topsoil specified.

CULTIVATION:
-- Break up any compacted topsoil to full depth.
-- Within a few days before planting, but in suitably dry weather and ground conditions, cultivate top 300mm of all planting beds, using suitable plant to loosen, aerate and break up the soil into particles of 2-8mm.
-- Spread well rotted organic material, subject to approval.
-- Leave surface regular and even.
-- Remove weeds, perennial weed roots and undesirable material brought to the surface including stones and clods larger than 25mm in any dimension, roots, tufts of grass and foreign matter.
-- Do not dig or cultivate within the root spread of trees and shrubs to be retained.

MATERIALS AND WORKMANSHIP:
-- Materials and workmanship shall generally be in accordance with the following documents - BS3936 Nursery Stock and BS428. Recommendations for General Landscape Operations.
-- Plant material to be the sizes and dimensions as stated in the schedule and shall be healthy with good fibrous root systems.

HERBICIDES:
-- Allow for a pre-application of an approved translocated systemic herbicide to planting areas by suitable spraying apparatus to the manufacturer's instructions and in line with the 1997 Control of Pesticides Regulations and 2003 COSHH.

STANDARD AND HEAVY STANDARD TREE PLANTING:
-- Trees to be planted in tree pits @ 300mm diameter wider than rootball and at depth to match rootball. Break up soil to bottom of pit down to 300mm.
-- All trees to be back filled with top soil and suitable organic material (to be specified).
-- All trees should be staked or double staked using pointed softwood / peeled chestnut / larch or oak stakes, free from projections and large or edge knots and tied above ground with adjustable rubber tree ties.
-- Irrigation/overwatering - Root Rain Metro plastic irrigation pipe or equivalent approved to be fitted around the rootball of all specimen and standard trees.

ALL TREE AND SHRUB PLANTING:
-- All trees and shrubs will be watered as necessary to ensure survival.
-- Suitable rabbit guards, fencing, or shelters will be used to protect plants from damage until established. Tree guards will be removed once the planting is established.

GRASSED AREAS:
-- Areas indicated on the plan as grass to be seeded as appropriate in line with manufacturer's specification.
-- Watering: As necessary to ensure the establishment and continued thriving of all seeding.
-- Quantity: Full depth of topsoil.
-- Application: Even and without displacing seed, seedlings or soil.
-- The contractor should protect newly seeded areas to prevent seedling destruction by pedestrians.
-- The contractor should use machines of appropriate size, shape and type for the work method involved. All litter, stones and other debris should be collected and removed by the contractor immediately prior to grass cutting.
-- Care should be exercised by the contractor when cutting or strimming around trees and shrubs to avoid damage to plant stock.

Key

	Existing Hedgerow to be retained and enhanced - Refer to details below		Proposed Detention Basins - Refer to details below		Proposed Recreational Routes: Surface material - Tarmac Width - 3m
	Existing Hedgerow to be removed		Swales and Drainage Ditches - Refer to details below		Proposed Standard Trees
	Existing Trees to be retained		Existing ditch		Proposed Woodland Planting
	Proposed Recreational Routes		Embankments to Detention Basins and Swales - Refer to details below		Landscape Proposals within Cell - Refer to Reserved Matters Applications for details
	Proposed Recreational Routes: Surface material - Mown grass Width - 2m		Proposed Species Rich Grassland RE1 Traditional Hay Meadow (MGS Grassland) - Refer to details below		Landscape Proposals within Highways land - Refer to FPCR Dwg No. 5801-L-12 for details
	Proposed Recreational Routes: Surface material - Hoggin Width - 2m		Proposed amenity areas - Greenways and footpath verge		Proposed Flowering Lawn within areas of amenity open space
	Proposed Recreational Routes: Surface material - Tarmac Width - 2m		Proposed amenity areas - Greenways and footpath verge		Proposed Flowering Lawn within areas of amenity open space

STANDARD TREE PLANTING

Common name	Latin name	No.	Girth (cm)	Root
Field maple	<i>Acer campestre</i> 'Streetwise'	5	10-18	RB
English oak	<i>Quercus robur</i>	4	14-16	RB
Small-leaved lime	<i>Tilia cordata</i> 'Greenspire'	5	10-18	RB
Downy Birch	<i>Betula pubescens</i>	7	14-16	RB
Whitebeam	<i>Sorbus aria</i>	6	14-16	RB
Rowan	<i>Sorbus aucuparia</i>	5	14-16	RB

WILDFLOWER MIX: SWALES, DITCHES AND ATTENUATION BASES

Common name	% Mix
Supplier Germinel Seeds (Product Ref: WFG9 Wetland and Pond Areas) or similar approved	25%
Barneol Crested Hairgrass	25%
Hardtop Hard Fescue	25%
Barneol Slender Creeping Red Fescue	35%
Barneol Crested Hairgrass	20%

WOODLAND CREATION

CORE MIX

Common name	Latin name	No.s	Height	Root	Age
Field maple	<i>Acer campestre</i>	45	40-60cm	B	(+1)
Hornbeam	<i>Carpinus betulus</i>	45	40-60cm	B	(+1)
Downy birch	<i>Betula pubescens</i>	45	40-60cm	B	(+1)
Sweet Chestnut	<i>Castanea sativa</i>	45	40-60cm	B	(+1)
Scots Pine	<i>Pinus sylvestris</i>	45	40-60cm	B	(+1)
Crab apple	<i>Malus sylvestris</i>	45	40-60cm	B	(+1)
Pedunculate oak	<i>Quercus robur</i>	130	40-60cm	B	(+1)
Goat willow	<i>Salix caprea</i>	45	40-60cm	B	(+1)
Small leaved lime	<i>Tilia cordata</i>	45	40-60cm	B	(+1)
Wych elm	<i>Ulmus glabra</i>	45	40-60cm	B	(+1)

GRASS MIX 2 Embankments and verge

Common name	% Mix
Barneol Crested Hairgrass	25%
Hardtop Hard Fescue	25%
Barneol Slender Creeping Red Fescue	35%
Barneol Crested Hairgrass	20%

EDGE MIX

Common name	Latin name	No.s	Height	Root	Age
Dogwood	<i>Cornus sanguinea</i>	45	40-60cm	B	(+1)
Hazel	<i>Corylus avellana</i>	45	40-60cm	B	(+1)
Hawthorn	<i>Crataegus monogyna</i>	130	40-60cm	B	(+1)
Holly	<i>Ilex aquifolium</i>	80	20-40cm	B	(+1)
Wild cherry	<i>Prunus avium</i>	45	40-60cm	B	(+1)
Blackthorn	<i>Prunus spinosa</i>	80	40-60cm	B	(+1)
Dog Rose	<i>Rosa canina</i>	45	40-60cm	B	(+1)
Guelder rose	<i>Viburnum opulus</i>	45	40-60cm	B	(+1)

GRASS MIX (GREENWAYS FOOTPATH VERGE)

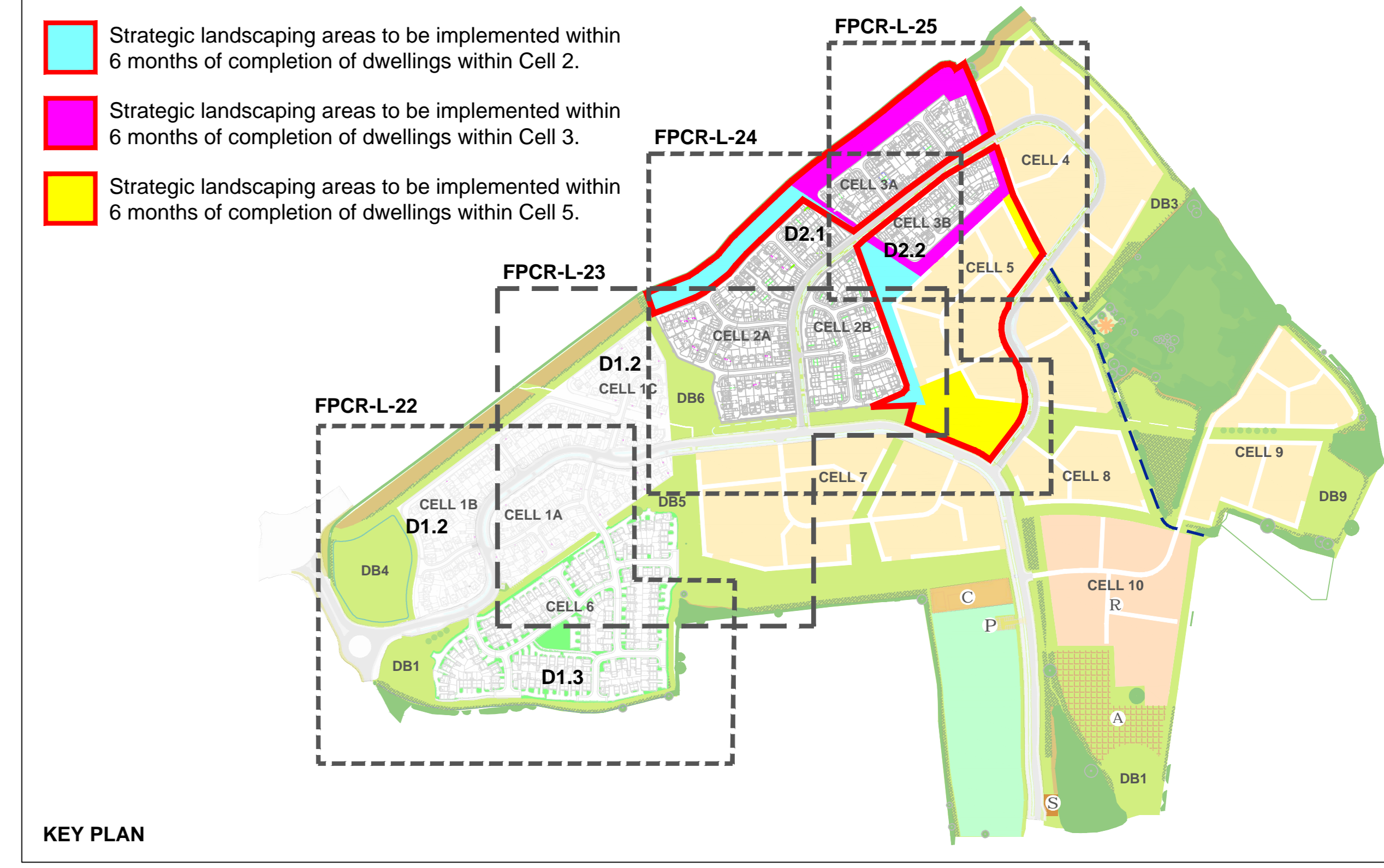
Formal amenity areas
Germinel Seeds Product Ref: A24 (Wear & Tear) or similar approved.

SPECIES RICH NEUTRAL GRASSLAND MIX

To formal areas of amenity open space
Germinel Seeds Product Ref: RE1 Traditional Hay Meadow (MGS Grassland) or similar approved.

GRASSLAND - FLOWERING LAWN MIX

To formal areas of amenity open space by the childrens play area and playing field. Emorsgate Product Ref: EL1 Flowering Lawn Mix or similar approved.



NOTES:
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Contract: Strategic Landscape Masterplan - Greenways and Footpaths
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