

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

HEDGEROW CREATION

Erect temporary protective fencing as required

Common name	Latin name	No.s
Dogwood	<i>Cornus sanguinea</i>	25
Hazel	<i>Corylus avellana</i>	65
Common hawthorn	<i>Crataegus monogyna</i>	200
Holly	<i>Ilex aquifolium</i>	45
Wild Privet	<i>Ligustrum vulgare</i>	25
Blackthorn	<i>Prunus spinosa</i>	65
Dog rose	<i>Rosa canina</i>	25

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 operations 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 to 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 BS4428. 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/operation - 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	Existing lane
Existing Trees to be retained	Existing ditch	Proposed Standard Trees
Proposed Recreational Routes - Surface material - Mown grass - Width - 2m	Embankments to Detention Basins and Swales - Refer to details below	Proposed Woodland Planting - Grass Mix 2 - Refer to details below
Proposed Recreational Routes - Surface material - Hoggin - Width - 2m	Proposed Species Rich Grassland RE1 (Traditional Hay Meadow (MG5 Grassland)) - Refer to details below	Landscape Proposals within Cell 2 - Refer to Countryside Reserves Matters Application for details
Proposed Recreational Routes - Surface material - Tarmac - Width - 2m	Proposed amenity areas - Greenways and footpath verge - Refer to details below	Landscape Proposals within Highways land - Refer to FPCR Dwg No. 5801-L-12 for details
	Proposed Flowering Lawn within areas of amenity open space	

STANDARD TREE PLANTING

Common name	Latin name	No.	Girth (cm)	Root
Common birch	<i>Betula pendula</i>	3	14-16	RB
Rowan	<i>Sorbus aucuparia</i>	3	14-16	RB

HEDGEROW TREES

Common name	Latin name	No.	Girth	Root
Field maple	<i>Acer campestre</i>	4	6-8cm	C
Hornbeam	<i>Carpinus betulus</i>	2	6-8cm	C
Pedunculate oak	<i>Quercus robur</i>	3	6-8cm	C
Rowan	<i>Sorbus aucuparia</i>	2	6-8cm	C
Whitebeam	<i>Sorbus aria</i>	2	6-8cm	C

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)

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)

WILDFLOWER MIX: SWALES, DITCHES AND ATTENUATION BASINS

Supplier	Common name	% Mix
Product Ref: WFG9 (Weedland and Flood Areas) or similar approved	Barkoe Crested Hairgrass	25%
	Hardtop Hair Fescue	25%
	Barpearl Slender Creeping Red Fescue	35%
	Bargreen Chewings Fescue	20%

GRASS MIX 2 Embankments and verge

Supplier	Common name	% Mix
Product Ref: WFG9 (Weedland and Flood Areas) or similar approved	Barkoe Crested Hairgrass	25%
	Hardtop Hair Fescue	25%
	Barpearl Slender Creeping Red Fescue	35%
	Bargreen Chewings Fescue	20%

GRASS MIX (GREENWAYS FOOTPATH VERGE)

Formal amenity areas

Supplier: Geminal Seeds Product Ref: A24 (Wear & Tear) or similar approved.

SPECIES RICH NEUTRAL GRASSLAND MIX

To informal areas of open space

Supplier: Geminal Seeds Product Ref: RE1 Traditional Hay Meadow (MG5 Grassland) or similar approved

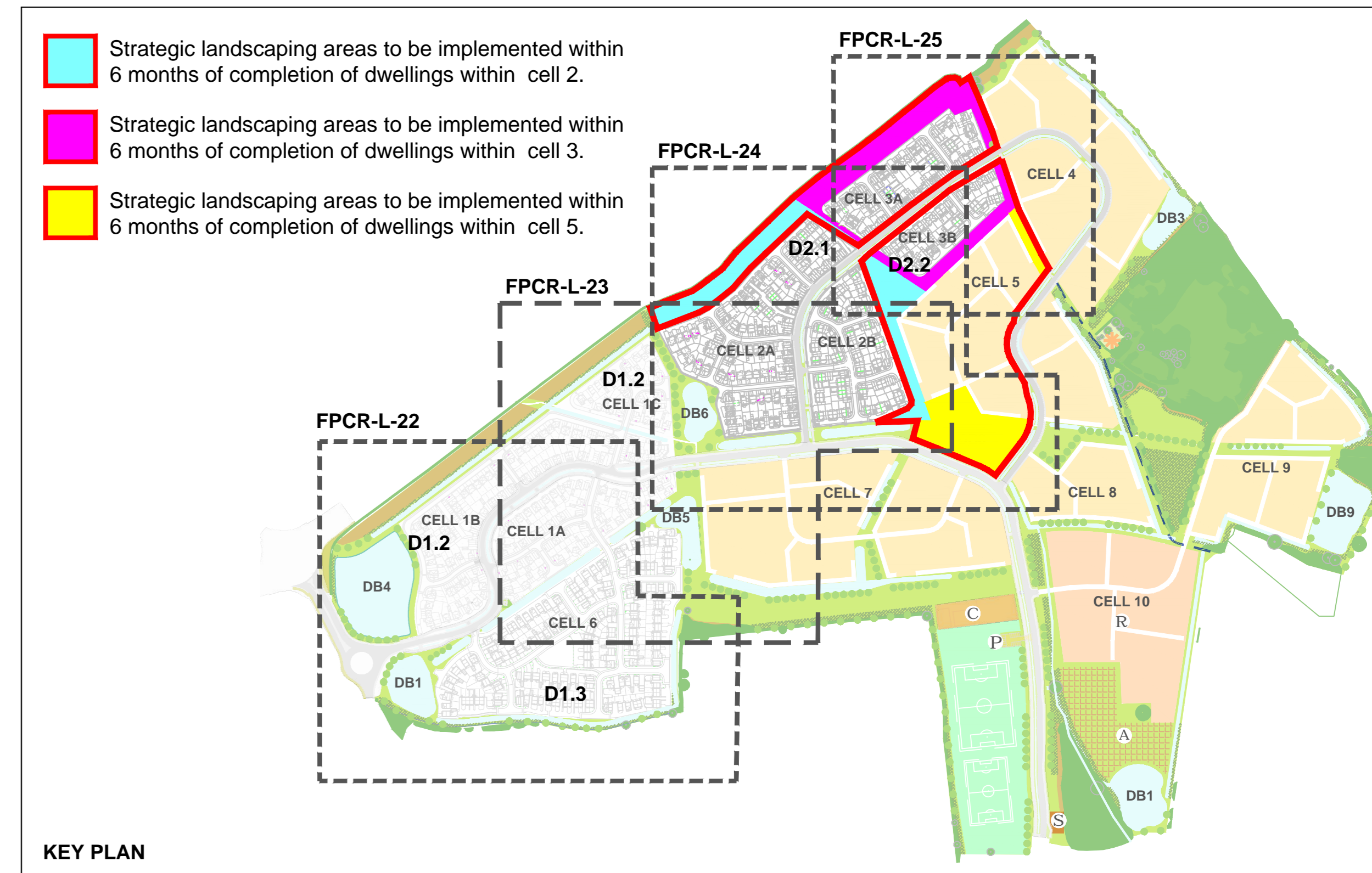
GRASSLAND - FLOWERING LAWN MIX

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

HEDGEROW CREATION

Erect temporary protective fencing as required

Common name	Latin name	No.s	Height	Root	Age
Dogwood	<i>Cornus sanguinea</i>	25	40-60cm	B	(+1)
Hazel	<i>Corylus avellana</i>	65	40-60cm	B	(+1)
Common hawthorn	<i>Crataegus monogyna</i>	200	40-60cm	B	(+1)
Holly	<i>Ilex aquifolium</i>	45	20-40cm	B	(+1)
Wild Privet	<i>Ligustrum vulgare</i>	25	40-60cm	B	(+1)
Blackthorn	<i>Prunus spinosa</i>	65	40-60cm	B	(+1)
Dog rose	<i>Rosa canina</i>	25	40-60cm	B	(+1)



NOTES

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 Lincolnshire

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 Sheet 2 of 2

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