



Habitat Classification Planting Palette
GTX001 | Site Infrastructure
Gartree 2

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Ministry of
JUSTICE

Security Classification:
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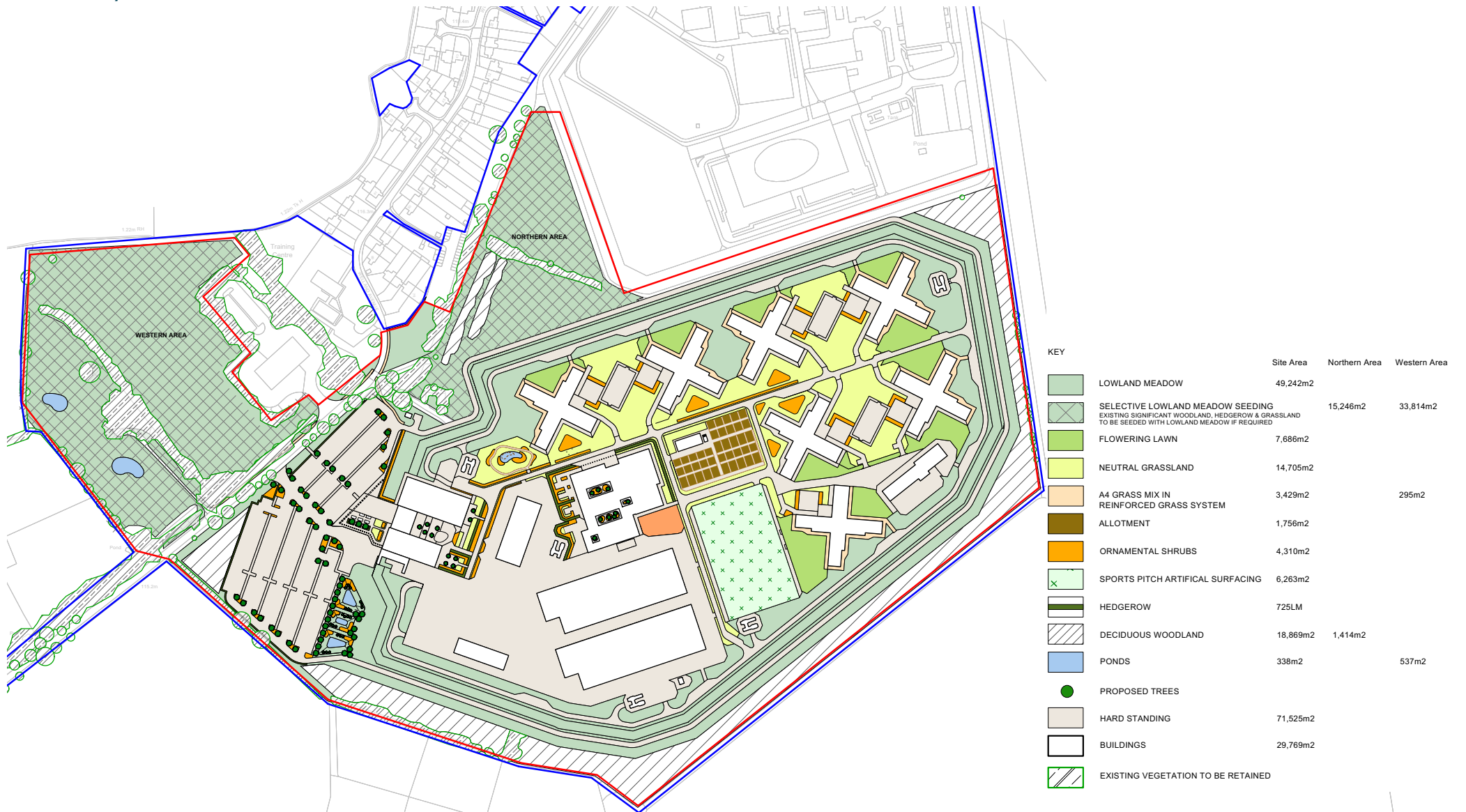
Document History

Issue	Date	Comment	Author	Chk'd
P01	18/02/2021	First Issue. S4(2) - Suitable for Stage Approval at Stage 2	KIO	ECZ
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Biodiversity Net Gain Sketch Plan



LOWLAND MEADOW

UK Habitat Classification: g3c Other Neutral Grassland

Definition: Neutral grassland that does not meet the definition of g3a or g3b. Perennial Rye-grass *Lolium perenne* is likely to be present at <30% with between 9 and 15 further species (m²) also present. Many of the more species rich swards that were previously described as “semi-improved neutral grassland” will fall here, together with rank and unmanaged swards on neutral soils. *Note: Classification suggested by Ecologist.*



Leucanthemum vulgare



Lotus corniculatus



Lathyrus pratensis



Galium verum



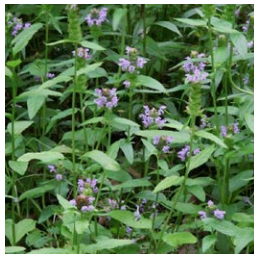
Filipendula ulmaria



Holcus lanatus



Agrimonia eupatoria



Prunella vulgaris



Plantago lanceolata

Plant List

RE2 Lowland Meadow Seed Mix

- Achillea millefolium
- Lotus uliginosus
- Filipendula ulmaria
- Galium verum
- Leontodon autumnalis
- Leucanthemum vulgare
- Plantago lanceolata
- Lathyrus pratensis
- Prunella vulgaris
- Agrimonia eupatorium
- Juncus effusus
- Taraxacum officinale
- Trifolium pratense
- Trifolium repens
- Carex pendula
- Lotus corniculatus
- Festuca rubra litoralis
- Festuca pratensis
- Agrostis capillaris
- Holcus lanatis
- Agrostis stolonifera
- Alopecurus pratensis
- Arrhenatherum elatius
- Cynosturus cristatus
- Deschampsia cespitosa
- Poa pratensis
- Trisetum flavescens
- Briza media



FLOWERING LAWN

UK Habitat Classification: g3a Lowland meadows

Definition: Lowland neutral meadows and pastures consist of a rich mixture of native grasses and broad-leaved herbs. They occur throughout lowland UK, often on shallow slopes or level ground with relatively deep soils that is neither strongly acidic or lime-rich.

Note: Classification suggested by Ecologist.



Galium verum



Leucanthemum vulgare



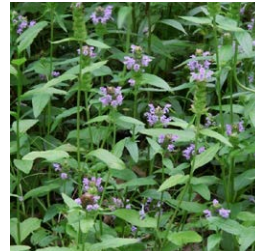
Lotus corniculatus



Lotus corniculatus



Primula veris



Prunella vulgaris



Trifolium pratense



Agrostis capillaris



Festuca rubra

Plant List

ELI Flowing Lawn Seed Mix

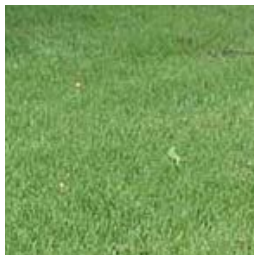
- Galium verum
- Leontodon hispidus
- Leucanthemum vulgare
- Lotus corniculatus
- Primula veris
- Prunella vulgaris
- Ranunculus acris
- Trifolium pratense
- Agrostis capillaris
- Cynosurus cristatus
- Festuca rubra
- Phleum bertolonii



NEUTRAL GRASSLAND

UK Habitat Classification: g3c Other Neutral Grassland

Definition: Neutral grassland that does not meet the definition of g3a or g3b. Perennial Rye-grass *Lolium perenne* is likely to be present at <30% with between 9 and 15 further species (m2) also present. Many of the more species rich swards that were previously described as “semi-improved neutral grassland” will fall here, together with rank and unmanaged swards on neutral soils. *Note: Classification suggested by Ecologist.*



Lolium perenne 'Calico'



Festuca rubra rubra



Lolium perenne 'Cabrio'

Plant List

A22 Amenity Grass Seed Mix

Lolium perenne 'Calico'

Festuca rubra rubra

Lolium perenne 'Cabrio'

Agrostis castellana



Agrostis castellana

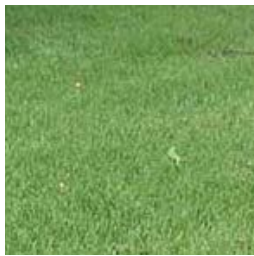


ALLOTMENT

UK Habitat Classification: c1f Horticulture

Definition: Commercial horticultural land, such as nurseries, vegetable plots and flower beds.

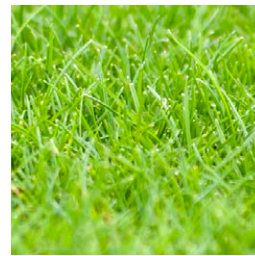
To be provided as a grassed area, with planting beds to be added by operator



Lolium perenne 'Calico'



Festuca rubra rubra



Lolium perenne 'Cabrio'

Plant List

A22 Amenity Grass Seed Mix

Lolium perenne 'Calico'

Festuca rubra rubra

Lolium perenne 'Cabrio'

Agrostis castellana



Agrostis castellana



ORNAMENTAL SHRUBS - outside Houseblock area.

UK Habitat Classification: Urban - Introduced shrub

Definition: Non-native tall phanerophytes, mid phanerophytes or low phanerophytes planted in a garden or park setting



Abelia x grandiflora



Acer palmatum



Buddleia davidii



Cornus alba 'Sibirica'



Caryopteris x clandonensis 'Heavenly Blue'



Cornus sanguinea 'Midwinter Fire'



Hebe rakaiensis



Hebe 'White gem'



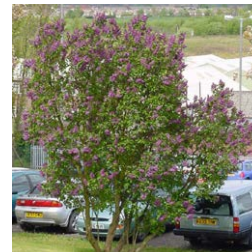
Salvia officinalis



Santolina virens



Vinca major



Syringa vulgaris 'Charles Joly'

Plant List

Latin name

Max height

Abelia x grandiflora

1.5m

Acer palmatum

2.5-4m

Buddleia davidii

1.5-2.5m

Cornus alba 'Sibirica'

1.5-2.5m

Caryopteris x Clandonensis 'Heavenly Blue'

0.5-1m

Cornus sanguinea 'Midwinter Fire'

1.5-2.5m

Hebe rakaiensis

0.9m

Hebe 'White gem'

0.8-1m

Salvia officinalis

0.8-1m

Santolina virens

0.5m

Vinca major

0.45m

Syringa vulgaris 'Charles Joly'

2.5-4m



ORNAMENTAL HERBACEOUS - within Houseblock area.

UK Habitat Classification: Urban - Introduced shrub

Definition: Non-native tall phanerophytes, mid phanerophytes or low phanerophytes planted in a garden or park setting



Anthemis arvensis



Alchemilla mollis



Caryopteris x clandonensis
'heavenly blue'



Geranium 'Johnson's Blue'



Geranium macrorrhizum
'White ness'



Lavandula angustifolia 'Hidcote'



Salvia officinalis



Salvia officinalis 'Tricolor'



Tiarella pink skyrocket



Vinca minor 'Alba'



Festuca glauca



Stipa tenuissima

Plant List

Latin name

Max height

Herbaceous

Anthemis arvensis	0.5m
Alchemilla mollis	0.5m
Caryopteris x clandonensis 'heavenly blue'	1m
Geranium 'Johnson's Blue'	0.5m
Geranium macrorrhizum 'White ness'	0.5m
Lavandula angustifolia 'Hidcote'	0.6m
Salvia officinalis	1m
Salvia officinalis 'Tricolor'	1m
Tiarella 'Pink Skyrocket'	0.3m
Vinca minor 'Alba'	0.5m

Grass

Festuca glauca	0.3m
Stipa tenuissima	0.6m



GRASS FOR SPORTS PITCH

UK Habitat Classification: 511 Natural Sports Pitches

Definition: Sports pitches where the pitch surfaces are natural: they are formed by the suitable preparation of natural areas of land, such as grass.



Lolium perenne 'Carnac'



Lolium perenne 'Eurocordus'



Lolium perenne 'Eurosport'



Lolium perenne 'Europitch'

Plant List

- Lolium perenne 'Carnac'
- Lolium perenne 'Eurocordus'
- Lolium perenne 'Eurosport'
- Lolium perenne 'Europitch'



HEDGEROW

UK Habitat Classification: h2a Hedgerow (priority habitat)

Definition: Hedgerow consisting predominantly (i.e. 80% or more cover) of at least one woody UK native species.



Crataegus monogyna



Corylus avellana



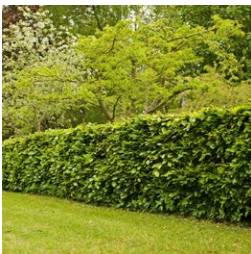
Cornus sanguinea



Prunus spinosa



Viburnum opulus



Carpinus betulus



Fagus sylvatica 'Purpurea'

Plant List

Latin name	Max height
Crataegus monogyna	4-8m
Corylus avellana	1-4m
Cornus sanguinea	1-3m
Viburnum opulus	4-8m
Prunus spinosa	1-4m
Carpinus betulus	1.5-5m
Fagus sylvatica 'Purpurea'	1-5m



n.b. Hedgerow planting outside of fence line to be of a mixed native species

WOODLAND (*also to be used for screening purposes*)

UK Habitat Classification: w l g Other woodland; Broadleaved

Definition: Broadleaved mixed and yew woodland not meeting the definition of w l a to w l f



Acer campestre



Carpinus betulus



Crataegus monogyna



Fagus sylvatica



Sorbus aria



Prunus avium



Quercus robur



Sorbus aucuparia

Plant List

Latin name

- Acer campestre
- Carpinus betulus
- Crataegus monogyna
- Fagus sylvatica
- Sorbus aria
- Prunus avium
- Quercus robur
- Sorbus aucuparia

Note: species suggested by Ecologist.

TREES

UK Habitat Classification: I170 Tree

Definition: Planted forest phanerophytes at any stage of growth



Alnus cordata



Acer campestre 'Streetwise'



Fagus sylvatica



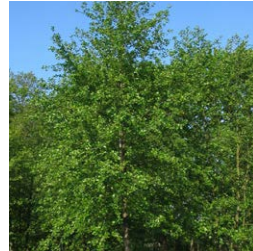
Salix alba



Betula nigra



Sorbus aria 'Magestica'



Alnus glutinosa



Acer platanoides 'Crimson sentry'



Tilia cordata 'Streetwise'



Amelanchier lamarckii



Pyrus calleryana 'Chanticleer'



Prunus cerasifera 'Nigra'

Plant List

Alnus cordata
Acer campestre 'Streetwise'
Fagus sylvatica
Salix alba
Betula nigra
Sorbus aria 'Magestica'
Alnus glutinosa
Acer platanoides 'Crimson sentry'
Tilia cordata 'Streetwise'
Amelanchier lamarckii
Pyrus calleryana 'Chanticleer'
Prunus cerasifera 'nigra'

PONDS

UK Habitat Classification: r l d Aquifer fed naturally fluctuating water bodies

Definition: This habitat consists of natural water bodies which have an intrinsic regime of extreme fluctuation in water level, with periods of complete or almost complete drying out as part of the natural cycle. They have no inflow or outflow streams at the surface, except at times of very high water level, when temporary out-flows may develop.



Caltha palustris



Trifolium repens



Leontodon autumnalis



Valeriana officinalis



Trifolium pratense



Geum rivale



Stellaria holostea



Cerastium fontanum



Juncus effusus



Carex acutiformis



Iris pseudacorus



Phragmites australis

Plant List

RE3 Wetland Meadow Seed Mix

- Caltha palustris
- Succisa pratensis
- Filipendula ulmaria
- Leontodon autumnalis
- Leucanthemum vulgare
- Lychnis flos cuculi
- Plantago lanceolata
- Prunella vulgaris
- Trifolium repens
- Cerastium fontanum
- Valeriana officinalis
- Trifolium pratense
- Rhinanthus minor
- Geum rivale
- Stellaria holostea
- Juncus effusus
- Carex pendula
- Festuca rubra rubra
- Cynosurus cristatus
- Poa Pratensis
- Festuca pratensis
- Agrostis stolonifera
- Lolium perenne
- Holcus lanatus
- Agrostis capillaris

Additional Grasses

- Carex acutiformis
- Iris pseudacorus
- Phragmites australis

