

Figure 4: An Example of Swale Corridor (ref: EED13983-AA-74-006)

# Eastern Green



Figure 5: An Example of proposed SuDS waterbody (ref: EED13983-AA-74-002)









# Entrance Park



Figure 6: Lighting Strategy for Ecological Needs (ref: EED13983-102\_GR\_HCMP\_01)



-  Site Boundary
-  LTA 1 - Phase 2 Boundary
-  LTA 2 - Phase 3 Boundary
-  Directional Lighting
-  Bollard Lighting
-  No Lighting

NOTES: All directional lighting is to face away from green spaces. For further details on lighting design, refer to report: Habitat Creation and Management Plan Document Ref: EED13983-102-2.1



Project Details  
 Figure Title  
 Figure Ref  
 Date  
 File Location

EED13983-102: MOD Bicester  
 Figure 6: Lighting strategy for ecological needs.  
 EED13983-102\_GR\_HCMP\_01  
 February 2015  
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## **APPENDICES**

### **A. Planting Strategy**

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## Appendix A - Graven Hill Planting Strategy

EED13983-102



# Habitat Planting

## Habitat Planting Rational:

The plant species proposed for use within areas of habitat creation are either reflective of native species already found growing within the immediate area or indigenous species which are well suited to the proposed habitats and wildlife they support. Within this, some reliance will be made upon trees and plants derived from the existing seed-bank within the site which has the added benefit of ensuring such plants are inherently well adapted to the conditions on site. Habitat creation objectives will also be supported by the careful management of existing features including hedge laying, natural regeneration and coppice management etc. The use of native plant material and traditional management techniques will also reinforce the naturalistic qualities of these areas of the development.

Native Tree Planting	
Common Name	Latin name
English Oak	<i>Quercus robur</i>
Common Alder	<i>Alnus glutinosa</i>
Crack Willow	<i>Salix fragilis</i>
Wild Cherry	<i>Prunus avium</i>
Field Maple	<i>Acer campestre</i>
Wild Service Tree	<i>Sorbus torminalis</i>



Native Hedge Planting and Understorey	
Common Name	Latin name
Hawthorn	<i>Crataegus monogyna</i>
Blackthorn	<i>Prunus spinosa</i>
Dogwood	<i>Cornus sanguinea</i>
Holly	<i>Ilex aquifolium</i>
Crab Apple	<i>Malus sylvestris</i>
Goulder Rose	<i>Viburnum opulus</i>
Alder Buckthorn	<i>Frangula Alnus</i>
Hazel	<i>Corylus avellana</i>



Natural Regeneration from Site Specific Seedbanks & Suckers	
Common Name	Latin name
Goat Willow	<i>Salix Caprea</i>
Common Ash	<i>Fraxinus excelsior</i>
European Gorse	<i>Ulex europaeus</i>
Blackthorn	<i>Prunus spinosa</i>
English Elm	<i>Ulmus procera</i>





# Habitat Planting

Native Marginal Plants	
Common Name	Latin name
Arrowhead	<i>Sagittaria sagittifolia</i>
Greater pond sedge	<i>Carex riparia</i>
Branched Bur-reed	<i>Sparganium erectum</i>
Brooklime	<i>Veronica beccabunga</i>
Common cotton grass	<i>Eriophorum angustifolium</i>
Flowering rush	<i>Butomus umbellatus</i>
Foals watercress	<i>Apium nodiflorum</i>
Hard rush	<i>Juncus inflexus</i>
Lesser spearwort	<i>Ranunculus flammula</i>
Marsh marigold	<i>Caltha palustris</i>
Lesser reed mace	<i>Typha angustifolia</i>
Purple loosestrife	<i>Lythrum salicaria</i>
Reed mace	<i>Typha latifolia</i>
Reed sweet grass	<i>Glyceria maxima</i>
Soft rush	<i>Juncus effusus</i>
Common clubrush	<i>Scirpus lacustris</i>
Water cress	<i>Nasturtium officinale</i>
Water figwort	<i>Scrophularia auriculata</i>
Water forget-me-not	<i>Myosotis scorpioides</i>
Water mint	<i>Mentha aquatica</i>
Water plantain	<i>Alisma plantago-aquatica</i>
Water speedwell	<i>Veronica anagallis-aquatica</i>
Yellow flag	<i>Iris pseudacorus</i>
Articulated rush	<i>Juncus articulatus</i>



Floating Plants	
Common Name	Latin name
Amphibious bistort	<i>Persicaria amphibia</i>
Broad-leaved pond weed	<i>Potamogeton natans</i>
Yellow water lily	<i>Nuphar lutea</i>
White water lily	<i>Nymphaea alba</i>

Submerged Plants	
Common Name	Latin name
Curled pondweed	<i>Potamogeton crispus</i>
Water-starworts	<i>Callitriche species</i>
Rigid hornwort	<i>Ceratophyllum demersum</i>
Water-crowfoots	<i>Ranunculus species</i>

Wildflower Meadow Species	
Common Name	Latin name
Basil Thyme	<i>Acinos arvensis</i>
Agrimony	<i>Agrimonia eupatoria</i>
Corn Cockle	<i>Agrostemma githago</i>
Corn Chamomile	<i>Anthemis arvensis</i>
Kidney Vetch	<i>Anthyllis vulneraria</i>
Cornflower	<i>Centaurea cyanus</i>
Common Knapweed	<i>Centaurea nigra</i>
Red Valerian	<i>Centranthus ruber</i>
Common Mouse Ear	<i>Cerastium fontanum</i>
Corn Marigold	<i>Chrysanthemum segetum</i>
Viper's-bugloss	<i>Echium vulgare</i>
Blue Fleabane	<i>Erigeron acer</i>
Common Storks's-bill	<i>Erodium cicutarium</i>
Lady's Bedstraw	<i>Galium verum</i>
Orange Hawkbit	<i>Hieraceum auratiacum</i>
Perforate St. John's-wort	<i>Hypericum perforatum</i>
Field Scabious	<i>Knautia arvensis</i>
Autumn Hawkbit	<i>Leontodon autumnalis</i>
Rough Hawkbit	<i>Leontodon hispidus</i>
Oxeye Daisy	<i>Leucanthemum vulgare</i>
Bird's-foot-trefoil	<i>Lotus corniculatus</i>
Musk Mallow	<i>Malva moschata</i>
Wild Marjoram	<i>Origanum vulgare</i>
Hoary Plantain	<i>Plantago media</i>
Cowslip	<i>Primula veris</i>
Selfheal	<i>Prunella vulgaris</i>
Meadow Buttercup	<i>Ranunculus acris</i>
Bulbous Buttercup	<i>Ranunculus bulbosus</i>
Wild Mignonette	<i>Reseda lutea</i>
Salad Burnet	<i>Sanguisorba minor</i>
Biting Stonecrop	<i>Sedum acre</i>
White Stonecrop	<i>Sedum album</i>
Bladder Campion	<i>Silene vulgaris</i>
Hare's-foot Clover	<i>Trifolium arvense</i>
Common Bent	<i>Agrostis tenuis</i>
Crested Dogs Tail	<i>Cynosurus cristatus</i>
Feather Grass	<i>Stipa tenuissima</i>
Glaucous Sedge	<i>Carex flacca</i>
Pheasant's Tail Grass	<i>Stipa arundinacea</i>
Quaking Grass	<i>Brisa spp.</i>



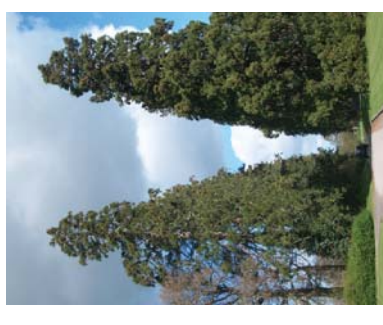


# Amenity Planting

## Amenity Planting Rational:

The trees and woody plant species selected for use in amenity areas include both species which are related to UK native species, and those with strong characteristics which readily reinforce the character and quality of new spaces and areas within the development. This may include architectural form, flowers or seasonal leaf colouring and screening value. Species selected for their amenity qualities also reduce some of the nuisance issues within native species which make them less suitable in close proximity to people and property e.g. invasive root development, suckering or seeding into garden spaces and falling branches.

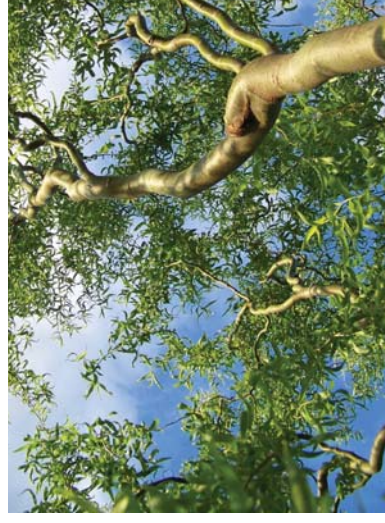
Gateway/Feature Trees	
Common Name	Latin name
Dawn Redwood	<i>Metasequoia glyptostroboides</i>
Wellingtonia	<i>Sequoiadendron giganteum</i>
White Willow	<i>Salix alba</i>
English Oak	<i>Quercus robur</i>



Avenue Trees	
Common Name	Latin name
Italian Alder	<i>Alnus cordata</i>
Fastigiate Hornbeam	<i>Carpinus betulus 'Frans Fontaine'</i>
Silver Weeping Lime	<i>Tilia petiolaris</i>
Disease Resistant Elm	<i>Ulmus 'New Horizon'</i>



Informal Tree Planting	
Common Name	Latin name
Sweet Gum	<i>Liquidambar styraciflua</i>
Hybrid Bird Cherry	<i>Prunus padus 'Watereri'</i>
River Birch	<i>Betula nigra</i>
Ornamental Crab Apple	<i>Malus trilobata</i>
Ornamental Hawthorn	<i>Crataegus laevigata 'Rosea Flore Pleno'</i>
Corkscrew Willow	<i>Salix babylonica 'Tortuosa'</i>



Amenity Hedgerows	
Common Name	Latin name
Beech	<i>Fagus sylvatica / Sylvatica 'Purpurea'</i>
Hazel	<i>Corylus maxima 'Purpurea'</i>
Portuguese laurel	<i>Prunus lusitanica</i>





# UK and Ireland Office Locations

