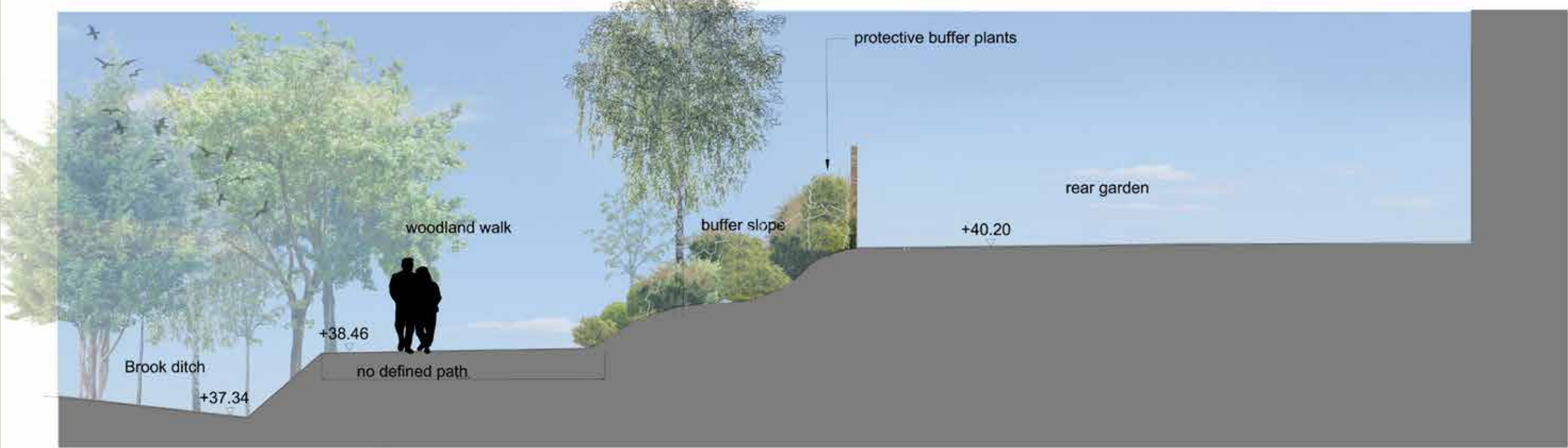
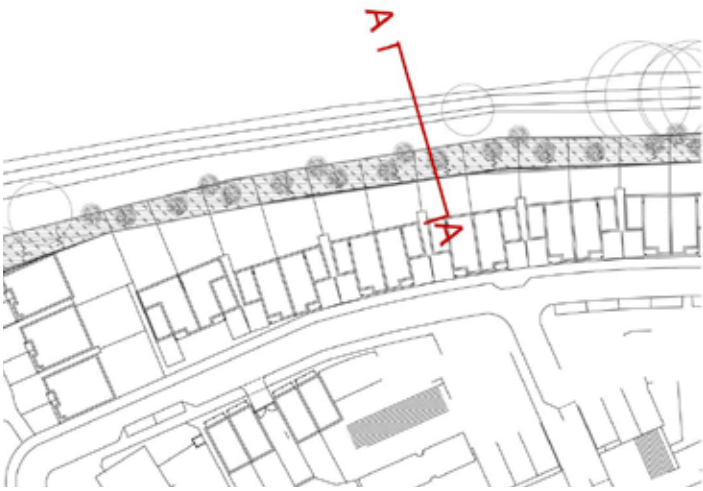


LINEAR WOODLAND WALK SECTIONS



AA WOODLAND WALK REAR OF RESIDENTIAL GARDENS



BOUNDARY TREATMENTS

A variety of boundary treatments are proposed, each intended to enhance the landscape whilst performing a function. Proposals are site specific and attempt to address a need at that location.

- PROPOSED KNEE RAIL FENCING
- PROPOSED NATURAL SCREEN/BARRIER BOUNDARY
- RESIDENTIAL / PRIVATE BOUNDARY
- EXISTING HEDGE/TREE BOUNDARY
- EXTANT BROOK



MATERIALS PALETTE

The natural character of the Lakeside landscape will benefit from the use of rustic timber fixtures to help delineate edges and boundaries in addition to planted boundaries.

Pathways would be low impact permeable surfaces such a self compacted gravel or flexi pave.

Timber or flexible retaining edges would be used where necessary and become invisible below adjoining grassland.

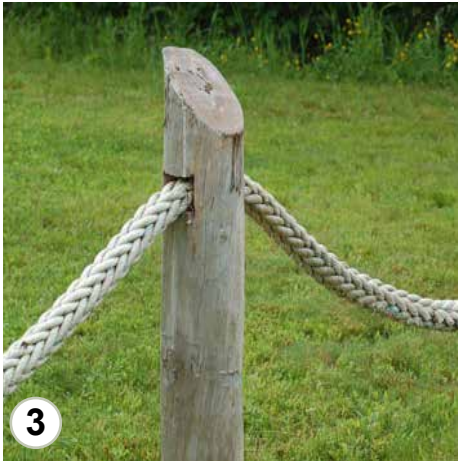
Composite timber products would be used for longevity, slip resistance and minimum maintenance on lakeside decks and boardwalks.



1 Bollard drop down
North lake emergency road
Woodscape or similar
hardwood hinge down bollard on
mass concrete foundation



2 Retaining wall climber system
Jakob or similar
tensile wire and rod structure



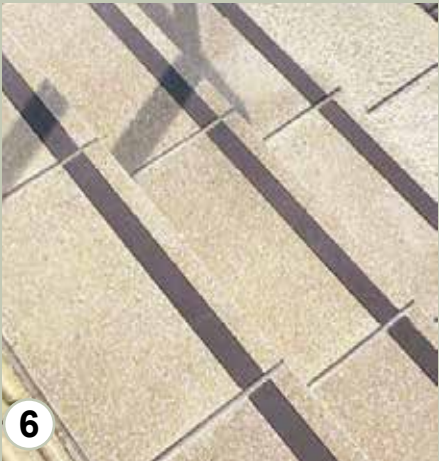
3 Timber post and rope fence
Delineate between East lake
houses
Jacksons fencing or similar
FSC pressure treated round post -
40mm dia rope



4 Timber Knee rail
South and north lake roadside
Jacksons fencing or similar
450mm high
birdsmouth 100 x 100mm posts
FSC pressure treated timber
concrete haunching



5 Timber top tensile wire
balustrade
Nautical fencing or similar
1300 mm high
Stainless steel wires
and stained or painted timber



6 Steps and stepping stones
East lake side park
Marshalls Conservation buff
aggregate pavers or similar
laid on concrete bedding mix



7 Ramp and pathway -
East lake park
Flexi-Pave Barnsley Solo
Permeable aggregate
30 mm depth
over MOT Type 1 hardcore



8 Amenity footpaths -
East lake park
Dekorgrip Resin Bound Gravel
Pearl Grey
2-6mm aggregate laid at 16mm
depth



9 Private decks
East lake
Millboard composite deck
Enhance grain Golden oak
200 x 32 x 3600 mm



10 Jetties and curved boardwalk
South lake
Millboard composite deck
weathered driftwood
200 x 32 x 3600 mm



11 Footway board walk
South lake
Millboard composite deck
Lasta grip Golden oak
200 x 32 x 3600 mm



12 Emergency road
North lake
Grassroad or similar
42 mm depth on 150mm
subbase



MATERIALS PALETTE

Furniture would be predominantly timber and allowed to age to a natural grey silver finish.

Accent pieces would be used in key locations such as interface with market square and piazza.



A
Pebble seats
Timberplay or similar
Concrete cast self standing



B
Block bench
Blueton or similar
hardwood reclaimed beam
400x 400 x 2000 mm oiled
Grade 316 stainless steel fixings
on concrete pad



C
Timber benches
Escofet or similar
450 mm ht x 500 wide
varying lengths
straight and curved



D
Timber benches
Woodscape or similar
450 mm ht x 500 widex 2000mm
straight



E
Timber benches
Woodscape or similar
450 mm ht x 500 widex 2500 mm
curved

Lakeside lighting would use column lighting at the main interfaces with market square on east and piazza on the west. Elsewhere, low level unobtrusive elements would be used to create safe footways after dark.

There is also an opportunity to use additional accent elements to create a delicate ambient mood.



F
Wooden finish column lighting
East lake park and piazza area
Marshalls or similar
aubrilam moshi
colour tonnelier



G
Wooden bollard lighting
Amenity paths
Gemma lighting or similar
neptune 5W
Iroko wood surface mounted



H
Pin dart lights
East lake park ribbon pathway
LED



MATERIALS PALETTE

- 1 Drop down bollards
- 2 Tensile climber system
- 3 Post and rope boundary
- 4 Knee rail
- 5 Timber top balustrade
- 6 Stepping stones
- 7 Ramp Flexi pave surfacing
- 8 Self compacted gravel
- 9 Deck - enhanced grain
- 10 Jetties / boardwalk - weathered grain
- 11 Boardwalk - lasta grip finish
- 12 grasscrete

- A Concrete pebble seat
- B Timber beam bench
- C Timber slat bench
- D Straight timber bench
- E Curved timber bench
- F Wooden finish column light
- G Wooden bollard marker lights
- H LED pin lights
- I Viewing Pad - concrete finish



WAYFINDING AND INTERPRETATION

Simple signage will be used to ensure both pedestrians, cyclists and visitors to the site are able to navigate the space freely and safely.

Interpretation boards could be used to enhance the user experience and ecological awareness, as well as emphasise need for safety and supervision in proximity to the lake.

- demarcate cycle route
- ecological information
- safety information
- trim trail information
- site wayfinding



NATURAL SCREENING - HEDGING

Hedging will vary from natural, unclipped to more formal forms in proximity to more commercial areas. Hedging will use predominately native species and will at times be combined with trees to provide a physical boundary whilst not restricting a visual connection between spaces.



NATURAL HEDGEROW WITH TREES
BOUNDARY AREAS AND ADJOINING LAND



NATURAL HEDGEROW
LOOSE HEDGEROWS TO FORM NATURALISTIC BOUNDARIES



CAR PARK SCREENING
MORE FORMAL HEDGES TO HARDSCAPE INTERFACES



PLANTING PALETTE - NATIVE TREES

Tree planting would be used to create a naturalistic and varied landscape, using single and mutli -stemmed trees. These would be the key components in enhancing the character areas, with single speciment and group plantings to create open views and pocket spaces.

- NATIVE SPECIES
- ADDED ECOLOGICAL VALUE
- SPECIMEN TREES



Quercus robur



Acer campestre 'Elegant'



Acer campestre
'Elegant'



Acer platanoides
'Crimson Sentry'



Alnus glutinosa



Liquidambar 'Worplesdon'



Betula Edingburgh



Betula nigra



Carpinus betulus
'Frans Fontaine'



Tilia cordata 'Rancho'



Salix sepulcralis



Salix alba



Sorbus aucuparia
'Cardinal Royal'



Sorbus aucuparia
'Edulis'



Crataegus monogyna

please refer to tree planting plans and planting schedule for sizes and numbers



PLANTING PALETTE - NATIVE SHRUBS

Native shrub planting would be used to provide lush loose planted areas in the landscape, these would be used to buffer zones and create natural barriers.

Defensive shrubs would be used at the rear of properties on the woodland walk, these would combine with natives and additional specimens to create rich planted slopes.

- NATIVE SHRUBS
- ECOLOGICAL ENHANCEMENT
- SEASONAL INTEREST
- NATURALISTIC SETTING

Corylus avellana
 Corylus maxima ‘Purpurea’
 Euonymus europaeus
 Ilex x altaclerensis ‘Golden King’
 Ilex aquifolium ‘Alaska’
 Ligustrum vulgare
 Lonicera nitida ‘Baggesen’s Gold’
 Lonicera pileata
 Philadelphus ‘Belle Etoile’
 Philadelphus coronarius ‘Aureus’
 Physocarpus opulifolius ‘Diabolo’
 Pyracantha ‘Golden Charmer’
 Pyracantha ‘Orange Glow’
 Salix lanata
 Viburnum opulus

please refer to planting plans and planting schedule for sizes and numbers



Cornus stolonifera



Cornus sanguinea



Corylus avellana



Crateagus monogyna



Euonymus europaeus



Lonicera ‘Baggesdon gold’



Ligustrum vulgare



Salix fragilis



Salix viminalis



Viburnum opulus



Ilex ‘Golden King’



Ilex aquifolium



Pyracantha ‘Orange glow’



Physocarpus ‘Diabolo’



Philadelphus ‘Belle etoile’



PLANTING PALETTE - ORNAMENTAL PLANTING

Areas within the site and key meeting points will be planted with naturalistics swaves of planting to give a sense of ‘place’.

This would be further augmented with drifts of bulb planting.

- SEASONAL INTEREST
- LUSH PLANTING AREAS
- WILD AND HYBRID MIX
- SWAVES FOR NATURALISTIC EFFECT

Achillea millefolium ‘Summer Pastels’
 Achillea ‘Moonshine’
 Allium ‘Purple Sensation’
 Bergenia ‘Bressingham White’
 Bergenia cordifolia
 Briza media
 Buxus sempervirens
 Calamagrostis x acutiflora ‘Karl Foerster’
 Centaurea scabiosa
 Elaeagnus angustifolia ‘Quicksilver’
 Festuca glauca ‘Elijah Blue’
 Filipendula ulmaria
 Geranium ‘Ann Folkard’
 Geranium clarkei ‘Kashmir White’
 Geranium phaeum ‘Samobor’
 Geranium pratense ‘Mrs Kendall Clark’
 Knautia arvensis
 Knautia macedonica
 Lamium maculatum ‘White Nancy’
 Leucanthemum x superbum ‘Aglaia’
 Leucojum aestivum
 Lonicera nitida ‘Lemon Beauty’
 Narcissus ‘Pheasant’s Eye’
 Origanum vulgare
 Philadelphus ‘Belle Etoile’
 Plantago lanceolata
 Primula vulgaris
 Salvia officinalis
 Scilla siberica
 Silene vulgaris
 Verbascum chaixii ‘Album’
 Verbena bonariensis
 Veronicastrum virginicum ‘Album’
 Veronicastrum virginicum ‘Fascination’

please refer to planting plans and planting schedule for sizes and numbers



Briza media



Achillea millefolium



Geranium ‘Ann Folkard’



Knautia macedonia



Veronicastrum ‘Fascination’



Filipendula ulmeria



Molinia caerulea



Miscanthus gracilimus



Festuca glauca



Salvia officinalis



Thalictrum minus



Linaria Canon went



Daffodils



Snowdrops



Narcissus



Anenome



Scilla



Allium



PLANTING PALETTE - AQUATIC AND MARGINAL PLANTING

The lake offers many opportunities for planting due to different depths of water at the lake edge alongside the use of floating islands for the creation of new habitats and areas of interest.

- NATIVEMARGNALPLANTINGFORINCREASEDECOLOGICALVALUE
- ENHANCED WATERSIDE ENVIRONMENT
- SEASONAL INTEREST



Alisma plantago-aquatica



Mentha aquatica



Myosotis scorpioides



Persicaria amphibian



Ranunculus lingua
'Grandiflorus'



Sagittaria latifolia



Veronica beccabunga



Typha latifolia



Scripus lacustris



Cyperus eragrostis



Acorus calamus



Iris pseudodacorus



Butomus umbellatus



Salix pendatra



FLOATING ISLANDS

Establishing a large central island will give a protected ecological space for wildlife as well as creating visual interest in the expanse of water.

- WATER AND WASTEWATER TREATMENT
- HABITAT CREATION
- ECOLOGICAL HAVENS
- EROSION PROTECTION

Typical mix

Latin name	Common name
Alisma plantago aquatica	Water plantain
Caltha palustris	Marsh marigold
Carex acutiformis	Lesser pond sedge
Iris pseudacorus	Yellow flag iris
Juncus effusus	Soft rush
Lythrum salicaria	Purple loosestrife
Mentah aquatica	Water mint
Myosotis scorpioides	Water forget me not
Phalaris arundinacea	Reed canary grass
Ranunculus flammula	Lesser spearwort



PLANTING PALETTE - GRASS MIXES

Emorgsate seed mixes

EP1 - Pond edge

EM5 - Meadow mixture for loamy soils

EM5F - Wildflower mix for loamy soils

EG22 - Wear tolerant mix with clover

Typical mix

Wild Flowers

% Latin name	Common name
0.5 Achillea millefolium	Yarrow
3 Centaurea nigra Common	Knapweed
2 Galium verum	Lady's Bedstraw
0.3 Geranium pratense	Meadow Cranesbill
0.5 Knautia arvensis	Field Scabious
0.5 Lathyrus pratensis	Meadow Vetchling
0.5 Leontodon hispidus	Rough Hawkbit
1 Leucanthemum vulgare	Oxeye Daisy
0.5 Lotus corniculatus	Birdsfoot Trefoil
0.5 Malva moschata	Musk Mallow
1 Plantago lanceolata	Ribwort Plantain
1 Plantago media	Hoary Plantain
0.5 Primula veris	Cowslip
2.6 Prunella vulgaris	Selfheal
3 Ranunculus acris	Meadow Buttercup
1.5 Rhinanthus minor	Yellow Rattle
1 Rumex acetosa	Common Sorrel
0.1 Trifolium pratense	Wild Red Clover

Grasses

% Latin name	Common name
10 Agrostis capillaris	Common Bent
1 Anthoxanthum odoratum	Sweet Vernal-grass (w)
2 Briza media	Quaking Grass (w)
32 Cynosurus cristatus	Crested Dogstail
10 Festuca ovina	Sheep's Fescue
20 Festuca rubra ssp litoralis	Red Fescue (w)
4 Phleum bertolonii	Smaller Cat's-tail
1 Trisetum flavescens	Yellow Oat-grass (w)
80	

Sowing Rates

40 kg/ha 16 kg/acre 4 g/m2



please refer to seeding planting plans for areas and zones



