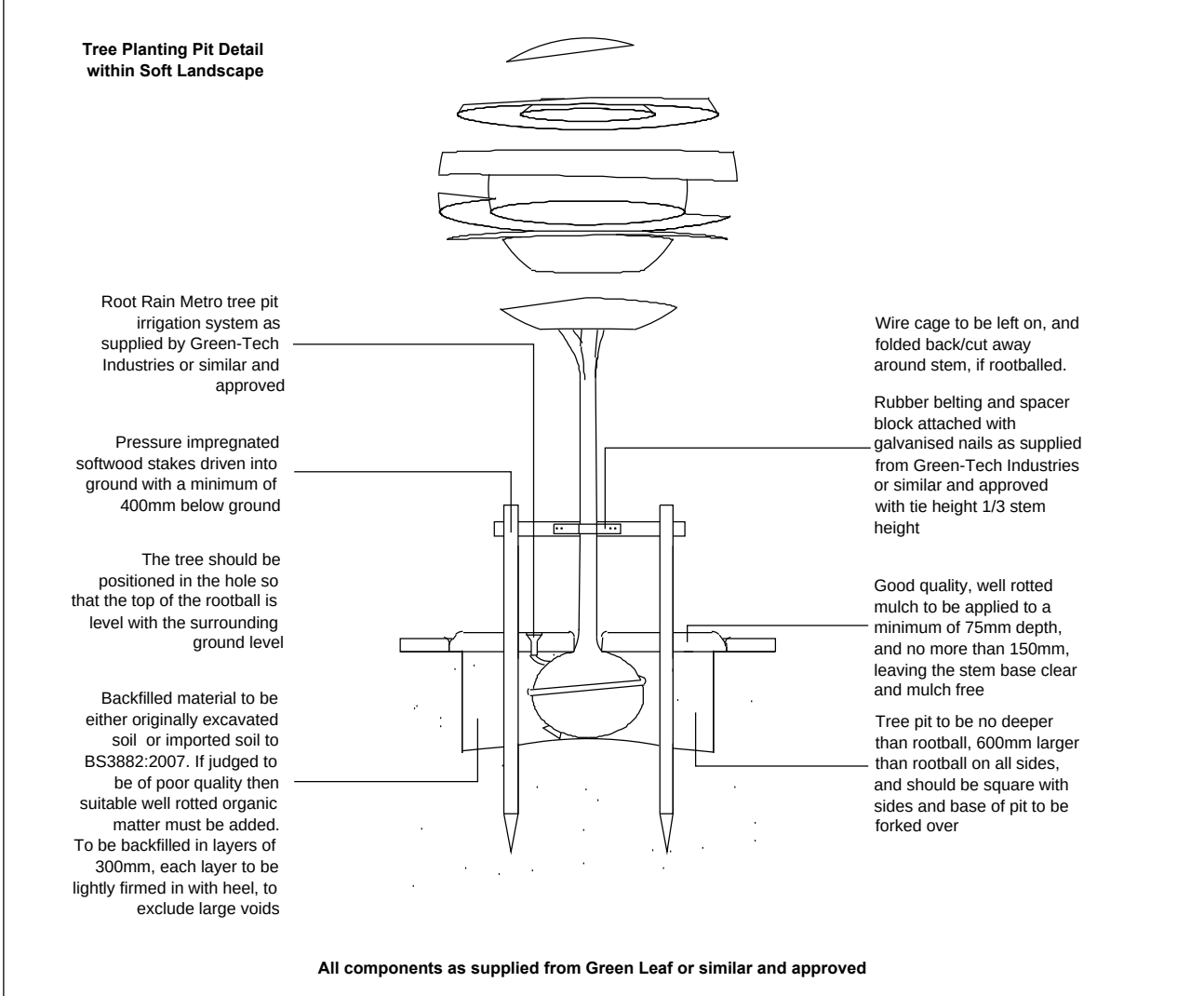




WF1 Wildflower species.

Corn poppy (*Papaver rhoeas*) 0.5%, Meadow buttercup (*ranunculus acris*) 2.0%, Musk Mallow (*Malva moschata*) 1.5%, Ox eye daisy (*leucanthemum vulgare*) 2.0%, Red campion (*Silene dioica*) 4.5%, Self heal (*Prunella vulgaris*) 4.5%, White campion (*Silene alba*) 4.5%, Yarrow (*Achillea millefolium*) 0.5%.

WF7 Wildflower mix for Marginal Edge

Agrimony (*agrimonia eupatoria*) 2.5%; Wild angelica (*Angelica sylvestris*) 2.5%; Gypsy wort (*Iycopus europaeus*) 2.5%; Meadow buttercup (*ranunculus acris*) 17.0%; Meadowsweet (*Filipendula ulmaria*) 11.5%; Purple Loosestrike (*Lythrum salicaria*) 2.5%; Ragged robin (*lychnis flos cuculi*) 2.50%; Red campion (*Silene dioica*) 22.5%; Self heal (*Prunella vulgaris*) 22.5%; Teasel (*Dipsacus fullonum*) 7.5%; Water Aven (*Geum rivale*) 1.50%; Yellow Flag Iris (*iris pseudocorus*) 5.0%..

Area 14 planting schedule

No.	Species Name	Girth	Height	Specification
3No	Alnus cordata	12-14cm	350-400cm	Clear Stem 175-200 :RB :Heavy Standard
1No	Betula pendula		250-300cm	Multi-Stemmed C
9No	Betula pendula	12-14cm	350-400cm	Clear Stem 175-200 :Heavy Standard C
3No	Prunus avium 'Plena'	12-14cm	350-400cm	Clear Stem 175-200 :Heavy Standard :RB
3No	Quercus robur	12-14cm	350-400cm	Clear Stem 175-200 :RB :Heavy Standard
1No	Sorbus aucuparia	12-14cm	350-400cm	Clear Stem 175-200 :RB :Heavy Standard
Total :20No				

Hedging

No.	Species Name	Height	Pot Size	Specification	Density
19No	Acer campestre	60-90cm	BR	0.5Ctr Double Staggered at 0.5m offset	
57No	Acer monogyna	60-90cm	BR	0.5Ctr Double Staggered at 0.5m offset	
4No	Ilex aquifolium 'Alaska'	30-45cm	BR	0.5Ctr Double Staggered at 0.5m offset	
4No	Ligustrum vulgare	60-90cm	BR	0.5Ctr Double Staggered at 0.5m offset	
4No	Rosa canina	60-90cm	BR	0.5Ctr Double Staggered at 0.5m offset	
4No	Viburnum opulus	60-90cm	BR	0.5Ctr Double Staggered at 0.5m offset	
Total :92No					

Shrubs

No.	Species Name	Height	Pot Size	Specification	Density
29No	Lavandula angustifolia 'Hidcote'	30-40cm	3L	Bushy C	4/m ²
12No	Osmanthus burkwoodii	30-40cm	3L	Bushy 4 brks C	4/m ²
14No	Rosmarinus officinalis 'Lady in White'	30-40cm	3L	Bushy 4 brks	4/m ²
Total :55No					

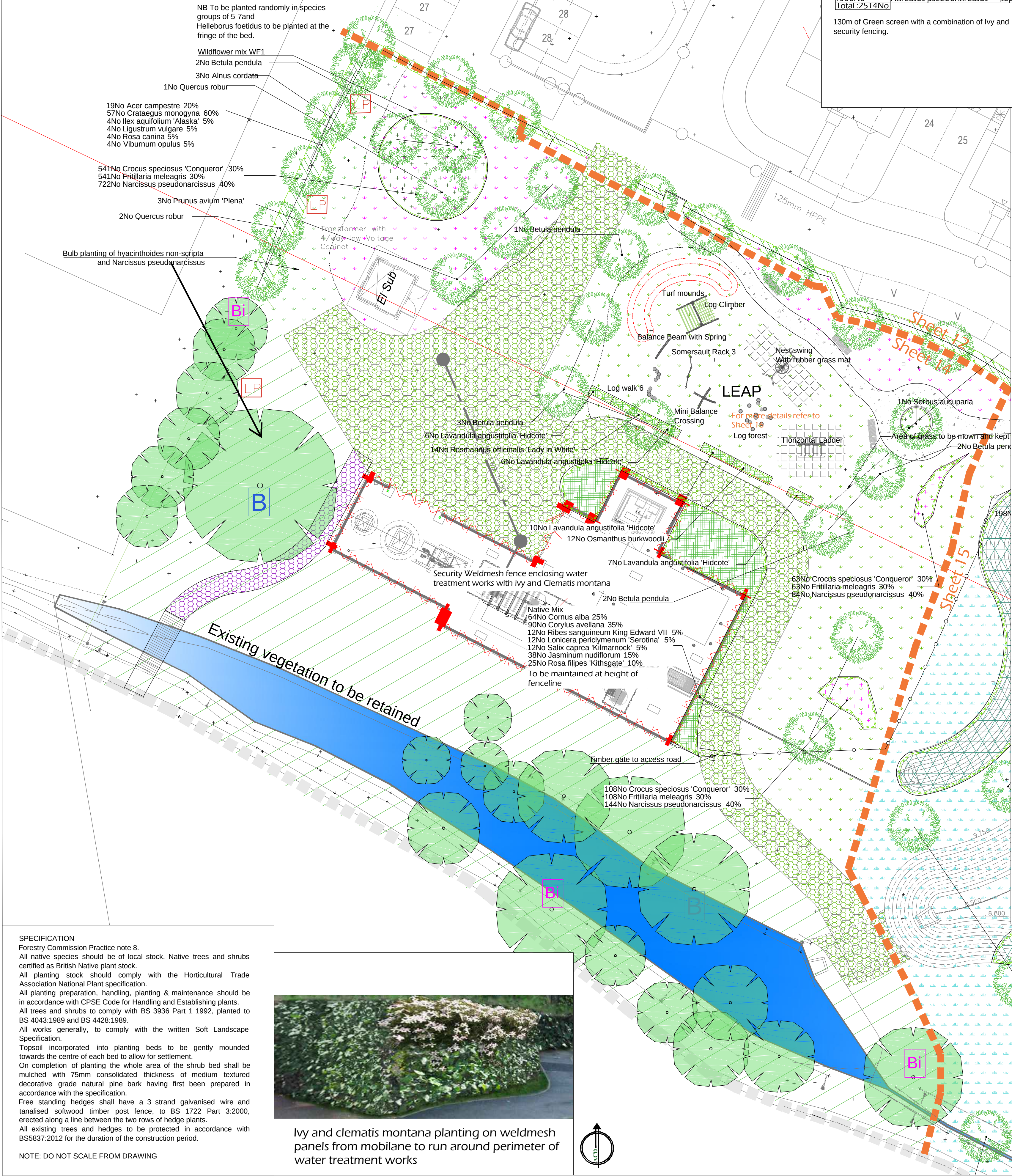
Scrub/Understory

No.	Species	Height	Pot Size	Specification	Density
64No	Cornus alba	30-40cm		Bushy :BR	3/m ²
90No	Corylus avellana	60-90cm		Bushy :BR	3/m ²
38No	Jasminum nudiflorum	60-80cm	5-7.5L	Several Shoots	3/m ²
12No	Lonicera periclymenum 'Serotina'	80-100cm	5-7.5L	Several Shoots :Caned	3/m ²
12No	Ribes sanguineum King Edward VII	60-90cm		Bushy :BR	3/m ²
25No	Rosa filipes 'Kithsgate'	60-80cm	5-7.5L	Several Shoots	3/m ²
12No	Salix caprea 'Kilmarnock'	60-90cm		BR	3/m ²
Total :253No					

Bulbs

No.	Species Name	Specification	Density
754No	Crocus speciosus 'Conqueror'	topsize+ 25/m ²	
754No	Fritillaria meleagris	topsize+ 25/m ²	
1006No	Narcissus pseudonarcissus	topsize+ 25/m ²	
Total :2514No			

130m of Green screen with a combination of Ivy and security fencing. *Clematis montana*. Run around the perimeter of the



Legend

- Existing trees to be retained and protected during construction
- Proposed tree. See detail on sheet
- Proposed native hedge planting to be planted in a double staggered row 500mm apart and at 500mm centres in each row. After year five it should be maintained at 2m height (chamfered edge).
- Proposed shrub planting to receive 75mm bark mulch after planting operations
- Proposed marginal planting to receive no bark mulch after planting operations
- 2m high security fence
- Timber 5 bar gate fencing
- Bulb Planting
- Approximate position of Bat boxes by Schwegler or similar approved
- Approximate position of Bird boxes by Schwegler or similar approved
- Approximate position of Log piles to be created using wood from felled trees to provide habitat for invertebrates, reptiles and amphibians on the developed site
- Area of Grass reinforcement protection mesh suitable for maintenance vehicle runover. Boddingtons Grassprotecta or similar
- Proposed No dig path constructed with Cellweb
- Proposed Tarmac pathway
- Local grasslands retained with areas disturbed by construction, re-seeded with local grassland wildflower mix
- Proposed grass areas to be seeded with good quality Wild Flower Seed mixture for wetlands WF7 in line with good horticultural practices
- Local grasslands retained with areas disturbed by construction to be re-seeded with good quality grass mix with 20% WF3 Wild Flower Meadow mix
- Cut Lines

SPECIFICATION

Forestry Commission Practice note 8.

All native species should be of local stock. Native trees and shrubs certified as British Native plant stock.

All planting stock should comply with the Horticultural Trade Association National Plant specification.

All planting preparation, handling, planting & maintenance should be in accordance with CPSE Code for Handling and Establishing plants.

All trees and shrubs to comply with BS 3936 Part 1 1992, planted to BS 4043:1989 and BS 4428:1989.

All works generally, to comply with the written Soft Landscape Specification.

Topsoil incorporated into planting beds to be gently mounded towards the centre of each bed to allow for settlement.

On completion of planting the whole area of the shrub bed shall be mulched with 75mm consolidated thickness of medium textured decorative grade natural pine bark having first been prepared in accordance with the specification.

Free standing hedges shall have a 3 strand galvanised wire and tanalised softwood timber post fence, to BS 1722 Part 3:2000, erected along a line between the two rows of hedge plants.

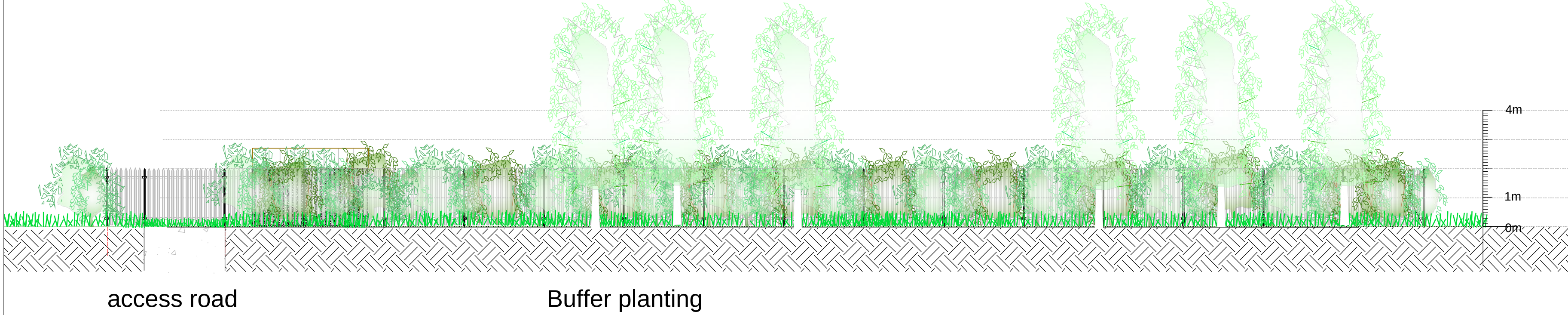
All existing trees and hedges to be protected in accordance with BS5837:2012 for the duration of the construction period.

NOTE: DO NOT SCALE FROM DRAWING



Ivy and clematis montana planting on weldmesh panels from mobilane to run around perimeter of water treatment works

Water treatment works screen planting



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www.acdlandscape.co.uk



scheme: Brook Nursery,
Barnham

client: Barratt Homes

drawing: Landscape Proposals

date: 13/11/2012

scale: 1:200@A1

drawing no: BSH18222 14E

drawn: JCL checked: AW

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Existing trees to be retained and protected during construction

Proposed tree. See detail on sheet

Proposed native hedge planting to be planted in a double staggered row 500mm apart and at 500mm centres in each row. After year five it should be maintained at 2m height (chamfered edge).

Proposed shrub planting to receive 75mm bark mulch after planting operations

Proposed marginal planting to receive no bark mulch after planting operations

2m high security fence

Timber 5 bar gate fencing

Bulb Planting

B

Bi

LD



Corn poppy (*Papaver rhoeas*) 0.5%, Meadow buttercup (*ranunculus acris*) 2.0%, Musk Mallow (*Malva Moschata*) 1.5%; Ox eye daisy (*leucanthemum vulgare*) 2.0%; Red campion (*Silene Diocia*) 4.5%; Self heal (*Prunella vulgaris*) 4.5%, White campion (*Silene Alba*) 4.5%; Yarrow (*Achillea Millefolium*) 0.5%.

Agrimony (*agrimonia eupatoria*) 2.5%; Wild angelica (*Angelica sylvestris*) 2.5%; Gypsy wort (*lycopus europus*) 2.5%; Meadow buttercup (*ranunculus acris*) 17.0%; Meadowsweet (*Filipendula Ulmaria*) 11.5%; Purple Loosestrife (*Lythrum salicaria*) 2.5%; Ragged robin (*lychnis fls cuculi*) 2.50%; Red campion (*Silene dioica*) 22.5%; Self heal (*Prunella vulgaris*) 22.5%; Teasel (*Dipsacus fullonum*) 7.5%; Water Awns (*Geum rivale*) 1.50%; Yellow Flag iris (iris pseudocorus) 5.0%..

Trees		Species Name	Girth	Height	Specification
5No		Acar campestre	12-14cm	350-400cm	Heavy Standard :Clear Stem 175-200 :RB
3No		Alnus glutinosa	12-14cm	350-425cm	Heavy Standard :Clear Stem min. 200 :RB
4No		Betula pubescens	12-14cm	350-400cm	Clear Stem 175-200 :RB :Heavy Standard
5No		Salix caprea	12-14cm	350-400cm	Clear Stem 175-200 :Heavy Standard :RB
8No		Sorbus aucuparia	12-14cm	350-400cm	Clear Stem 175-200 :RB :Heavy Standard
Total :25No					

No	Species Name	Height	Flr Size	Specimen	Density
46No	<i>Asclepias</i>	60-90cm	BR	0.5Cr Double Staggered	at 0.5m offset
46No	<i>Cotoneaster franchetii</i>	40-60cm	3L	0.5Cr Double Staggered	at 0.5m offset
170No	<i>Crategeus monogyna</i>	60-90cm	BR	0.5Cr Double Staggered	at 0.5m offset
13No	<i>Ilex aquifolium</i>	Alaska 30-45cm		0.5Cr Double Staggered	at 0.5m offset
46No	<i>Ligustrum ovalifolium</i>	40-60cm	3L	Branched	0.5Cr Double Staggered at 0.5m offset
13No	<i>Prunella villosa</i>	60-90cm	BR	0.5Cr Double Staggered	at 0.5m offset
13No	<i>Rosa</i>	60-90cm	BR	0.5Cr Double Staggered	at 0.5m offset
13No	<i>Viburnum opulus</i>	60-90cm	BR	0.5Cr Double Staggered	at 0.5m offset
Total : 370No					

No.	Species	Height	Pot Size	Specification	Density
1No	<i>Betula nigra</i>	175-200cm		Feather :2x :BR	2/m ²
8No	<i>Betula pendula</i>	60-90cm		BR	2/m ²
31No	<i>Cornus alba</i>	30-40cm		Bushy :BR	2/m ²
13No	<i>Cornus alba</i>	40-60cm		Branched :BR	2/m ²
4No	<i>Corylus sanguinea</i>	45-60cm		BR	2/m ²
4No	<i>Corylus avellana</i>	60-90cm		Bushy :BR	2/m ²
12No	<i>Corylus avellana</i>	45-60cm		BR	2/m ²
6No	<i>Crataegus monogyna</i>	60-90cm		BR	2/m ²
3No	<i>Elaeagnus argentea</i>	80-100cm		Branched :3 brks :BR	2/m ²
8No	<i>Ilex aquifolium 'Alaska'</i>	30-45cm		BR	2/m ²
19No	<i>Jasminum nudiflorum</i>	60-80cm	5-7.5L	Several Shoots	2/m ²
14No	<i>Ligustrum vulgare</i>	45-60cm		BR	2/m ²
6No	<i>Oniscia periclymenum 'Serotina'</i>	80-100cm	5-7.5L	Several Shoots :Caned	2/m ²
8No	<i>Prunus spinosa</i>	45-60cm		BR	2/m ²
6No	<i>Ribes sanguineum</i> King Edward VII	60-90cm		Bushy :BR	2/m ²
	<i>Rosa canina</i>	60-90cm		BR	2/m ²
12No	<i>Rosa filipes 'Kilthgate'</i>	60-80cm	5-7.5L	Several Shoots	2/m ²
10No	<i>Rubus fruticosus</i>	45-60cm		BR	2/m ²
61No	<i>Salix caprea 'Kilmarnock'</i>	60-90cm		BR	2/m ²
20No	<i>Salix cinerea</i>	60-90cm		0.1 :5/6 brks :BR :Branched	2/m ²
32No	<i>Salix cinerea</i>	60-90cm		BR	2/m ²
13No	<i>Salix purpurea</i>	60-80cm		0.1 :5/6 brks :BR :Branched	2/m ²
17No	<i>Salix triandra</i>	60-80cm		0.1 :5/6 brks :BR :Branched	2/m ²
13No	<i>Sambucus nigra</i>	45-60cm		BR	2/m ²
6No	<i>Sorbus torminalis</i>	60-80cm		1+2 :Transplant :Multi-Stemmed :BR	2/m ²
13No	<i>Viburnum lantana</i>	60-80cm		1+ :Bushy :BR	2/m ²
13No	<i>Viburnum opulus</i>	60-80cm		1+ :Bushy :BR	2/m ²
13No	<i>Viburnum opulus</i>	45-60cm		BR	2/m ²

Herbaceous					
No.	Species Name	Height	Pot Size	Specification	Density
49No	Phalaris arundinacea picta				3/m ²
Total :49No					

No	Species Name	Pot Size	Specification	Density
33No	Carex Bowles Golden			3/m ²
33No	Iris pseudocorus			3/m ²
73No	Iris pseudocorus 'Variegata'			3/m ²
159No	Juncus effusus	3-3.5L		3/m ²
198No	Phragmites australis	3-3.5L		1/m ²
110No	Stachys palustris			3/m ²
36No	Typha latifolia			3/m ²
Total: 642No				

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All works generally, to comply with the written Soft Landscape Specification.

Topsoil incorporated into planting beds to be gently mounded towards the centre of each bed to allow for settlement.

On completion of planting the whole area of the shrub bed shall be mulched with 75mm consolidated thickness of medium textured decorative grade natural pine bark having first been prepared in accordance with the specification.

Free standing hedges shall have a 3 strand galvanised wire and tanalised softwood timber post fence, to BS 1722 Part 3:2000, erected along a line between the two rows of hedge plants.
All existing trees and hedges to be protected in accordance with BS5837:2012 for the duration of the construction period.

NOTE: DO NOT SCALE FROM DRAWING

Flow float: floats up as
regulator system to
allow recovery of cage
from water column
industries or similar
approved

Pressure resistant
solid floats chosen to
support a minimum of
allowable below-gauge
pressure

The line should be
positioned in the hole so
that the top of the float is
level with the surrounding
ground level

Soil-filled material to be
either originally excavated
and/or expected soil to
SCS882 2007 is judged to
be of low quality from
surface water enter organic
matter must be added
to be suitable in types of
300mm, such layer to be
lightly firm to medium
exclude large voids

Wire cage to be left on,
and
lateral friction away
from centre, if footed

Rubber bellows and spacer
blanks attached with
galvanneal steel as supplied
from Crown Tech Industries
to serve as support
with the height 13.5 cm
height

Good quality, wet mixed
mud is to be applied to a
maximum of 75mm depth,
and no more than 10mm
measuring the stem base
inner and made free

This is to be no deeper
than needed, 100mm layer
that mudfall on top

And should be placed with
sides and top of it to be
linked over

All components as specified from Crown Tech and supplier and approved

2m high Security fence around water treatment plant.

Wooden Post and rail fence bounding detention basin.



E	18.09.14	Changes to Water treatment works	JCL
D	01.07.14	Changes to boundary screen planting	JCL
C	20.12.13	Layout change	JCL
B	19.09.13	Layout change	JCL
A	20.05.13	Layout change	JCL
Rev	Date	Details	Drawn

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BARRATT
HOMES

scheme: Brook Nursery,
Barnham
client: Barratt Homes
drawing: Landscape Proposals
date: 13/11/2012
scale: 1:200@A1
drawing no: BSH18222 15E
drawn: JCL checked: AW

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Balancing Pond

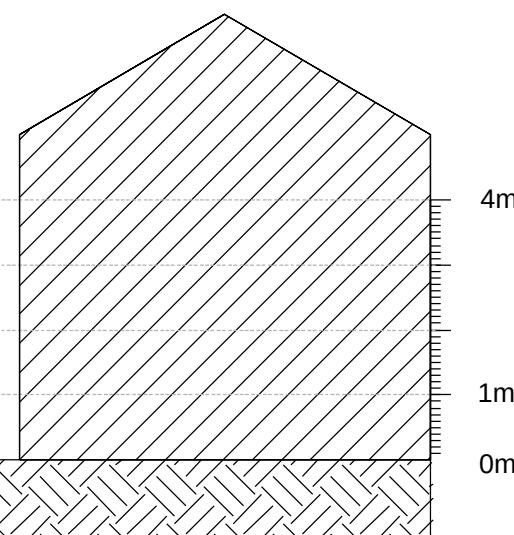


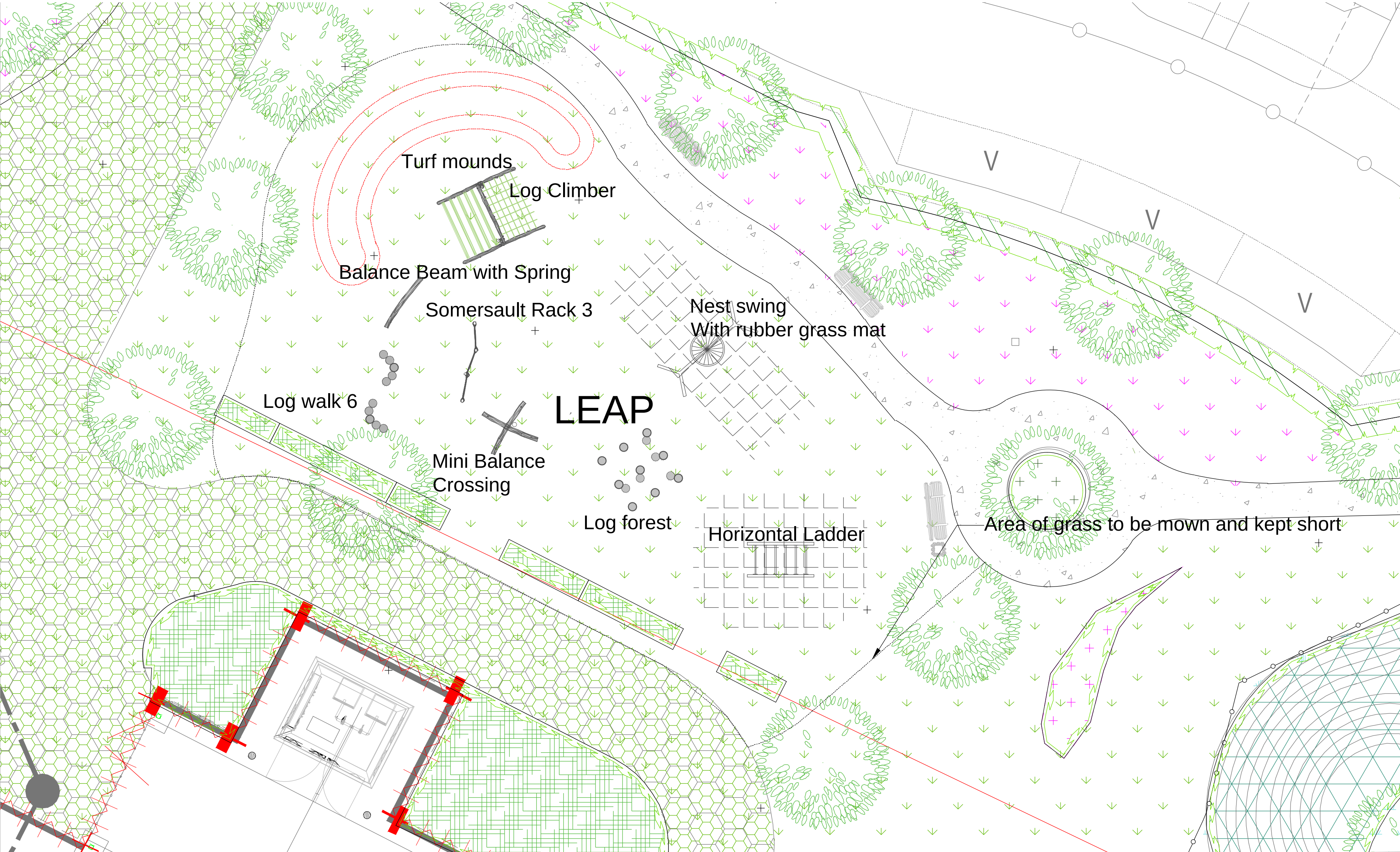
Marginals planted on banks

Balancing pond

Buffer planting

Residential properties





Legend

Existing trees to be retained and protected during construction

Proposed tree planting to receive short double staking with expandable rubber tree ties and irrigation tubing to root system

Proposed shrub planting to receive 75mm bark mulch after planting operations

Contour for earthworks

1 layer Vulcan Standard duty grass mat or similar laid externally on a mature lawn sub-base

Local grasslands retained with areas disturbed by construction, re-seeded with local grassland wildflower mix

North arrow

Rev	Date	Details	Drawn
E	18.09.14	Changes to Water treatment works	JCL
D	01.07.14	Changes to boundary screen planting	JCL
C	20.12.13	Layout change	JCL
B	19.09.13	Layout change	JCL
A	20.05.13	Layout change	JCL

ACD

Ecology

Arboriculture

Landscape Architecture

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scheme: Brook Nursery,
Barnham

client: Barratt Homes

drawing: LEAP/LAP proposal

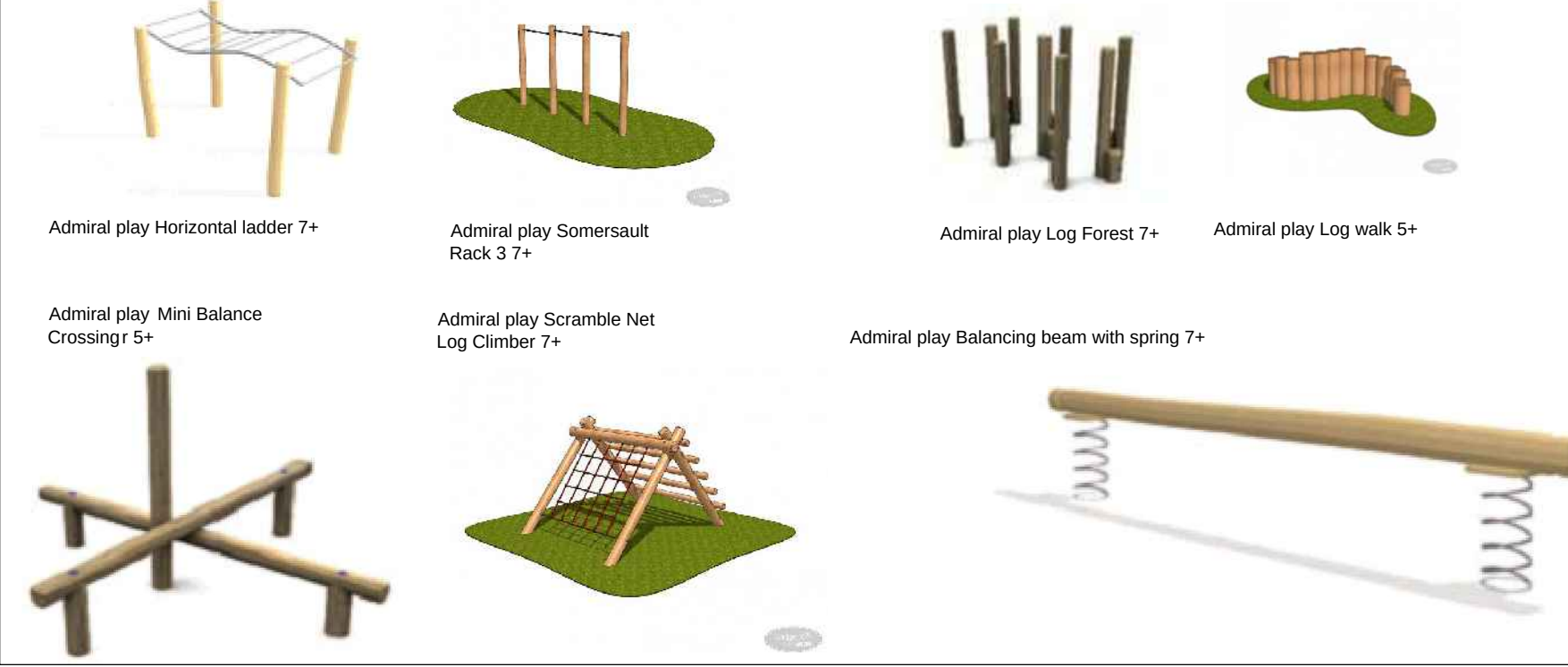
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drawing no: BSH18222 16E

drawn: JCL checked: AW

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A play area notice indicating that:

The area is solely for use by children
That adults are not allowed unless accompanied by children
That dogs should be excluded
The name and telephone number of the operator of the facility to report any incident or damage to the play equipment. The location of the nearest public telephone.

is to sited adjacent to every entrance into the play area.

Play area must comply with the health and safety executive regulations and with the latest version of EN1176 and EN1177 All equipment shall conform to EN1176 requirements for the critical fall height of the item concerned.

Admiral play Horizontal ladder 7+
Admiral play Somersault Rack 3 7+
Admiral play Log Forest 7+
Admiral play Log walk 5+
Admiral play Mini Balance Crossingr 5+
Admiral play Scramble Net Log Climber 7+
Admiral play Balancing beam with spring 7+
Admiral play Birds Nest Swing7+



Turf mounds for children to move across and round



Admiral play Jefferson bin

Admiral play Allington Seat