ES			No's
r campestre	Field Maple	Feathered, 1.75-2m	14
us glutinosa	Common Alder	E.H.S, girth at 1m, 14-16cm	15
ula pendula	Birch	Feathered, 1.75-2m	24
ataegus monogyna	Hawthorn	Standard, girth at 1m, 8-10cm	17
us nigra	Austrian Pine	3m ht, in 600L pot	3(replaced with 3 no Pinus nigra, 120-150cm in 50L pot)
ercus robur	English Oak	Standard, girth at 1m, 8-10cm	13
ix alba	White Willow	E.H.S, girth at 1m, 14-16cm	9
bus aria	Whitebeam	E.H.S, girth at 1m, 14-16cm	8
a cordata Greenspire	Lime	Semi-mature, girth at 1m, 45-50cm in 600L pot	5(replaced with 5 no Acer platanoides, Heavy std, girth at 1m, 12-14cm)

UCTURE PLANTING BELT 1918 no (area 4300m2)

% Betula pendula	Birch	Whip, 1 + 2, 120-150cm, bare-root, 4 breaks
% Cornus sanguinea	Dogwood	Transplant, 1 + 1, 60-90cm, bare root, 3 breaks
% Corylus avellana	Hazel	Transplant, 1 u 1, 80-100cm, bare-root, 3 breaks
% Crataegus monogyna	Hawthorn	Transplant, 1 + 1, 80-100cm, bare-root, 4 breaks
% Ligustrum vulgare	Native Privet	Cutting, 0+ 2, 80-100cm, bare-root, 3 breaks
% Populus tremula	Aspen	Whip, 1 + 2, 120-150cm, bare-rrot, 3 breaks
% Prunus spinosa	Blackthorn	Transplant, 1 + 1, 80-100cm, bare-root, 3 breaks
% Quercus robur	Oak	Whip, 1 u 2, 120-150cm, bare-root, 3 breaks
% Salix caprea	Goat Willow	Cutting, 0+ 1, 80-120cm, bare-root, 3 breaks
% Sambucus nigra	Elder	Transplant, 1 + 1, 60-90cm, 3 breaks

planted in random mix at 1.5m centres,
whips at maximum 3m centres

TIVE HEDGEROW 4950 no (area 990m2)

% Acer campestre	Field Maple	
% Crataegus monogyna	Hawthorn	
% Corylus avellana	Hazel	bare root plants, 60-90cm 1 + 1 transplants
% Euonymus europaeus	Spindle	in triple row, rows at 50cm centres, plants at
% Ilex aquifolium	Holly	30cm centres, in random mix
% Prunus spinosa	Blackthorn	
% Viburnum opulus	Guelder Rose	

TERSIDE THICKET MIX 714 no (area 347m2)

% Cornus sanguinea	Common Dogwood	
% Corylus avellana	Hazel	bare root plants, 60-90cm 1+1 transplants
% Salix cinerea	Common Sallow	at 70cm centres (2 no per m2) , in random
% Sambucus nigra	Elderberry	mix

CIES RICH GRASS MIX (area 5800m2)

% Wild Flora

	Anthyllis vulneraria	Kidney Vetc
4%	Armeria maritima	Thrift
4%	Campanula glomerata	Clustered Bellflower
4%	Campanula rotundifolia	Harebell
	Centaurea nigra	Common Knapweed
	Centaurea scabiosa	Greater Knapweed
4%	Dianthus deltoides	Maiden Pink
	Echium vulgare	Viper's Bugloss
	Galium verum	Lady's Bedstraw
	Leontodon autumnalis	Autumn Hawkbit
	Lotus corniculatus	Birdsfoot Trefoil
	Malva sylvestris	Common Mallow
	Origanum vulgare	Wild Marjoram
	Papaver rhoeas	Field Poppy
	Pimpinella saxifraga	Burnet Saxifrage
	Primula veris	Cowslip
	Silene alba	White Campion
%	Silene dioica	Red Campion
	Silene maritma	Sea Campion
	Bladder Campion	Bladder Campion

% Grasses

	Agrostis capillaris	Common Bent
	Alopecurus pratensis	Meadow Foxtail
	Cynosaurus cristatus	Sheep's Fescue
%	Festuca rubra commutata	Chewings Fescue
%	Poa pratensis	Smooth Stalked Meadow Grass

ENITY GRASSLAND (area 5070m2)

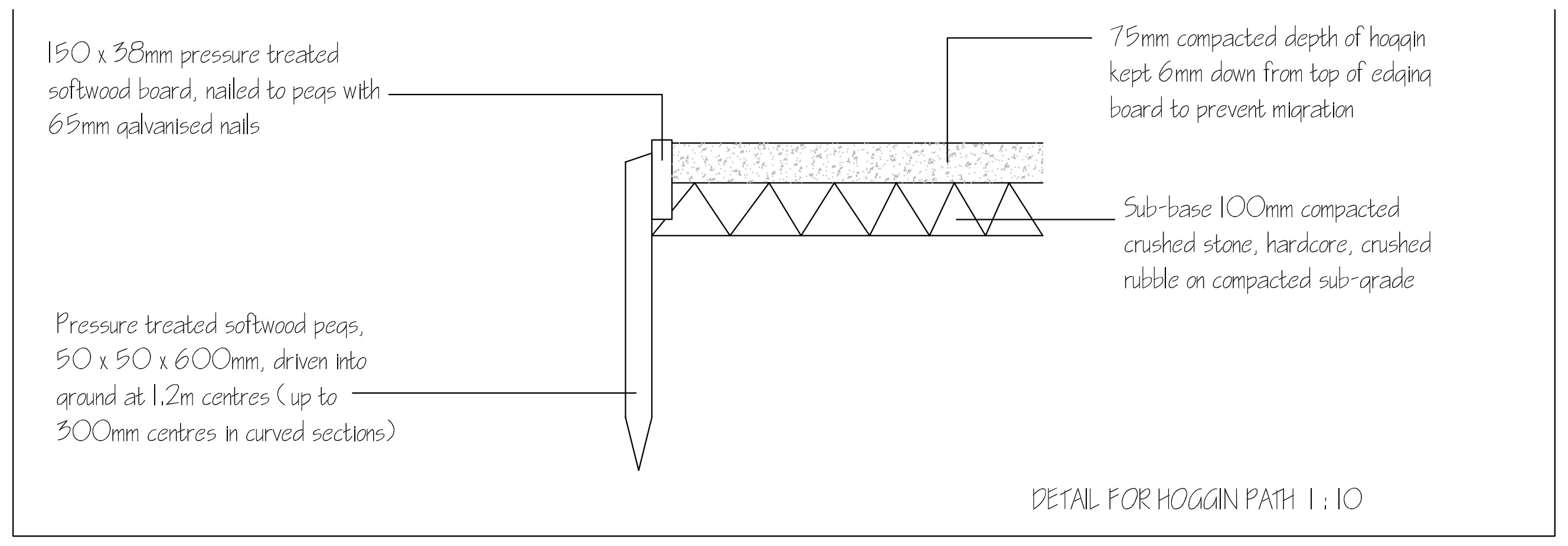
UATIC PLANTING (area 60m2)
-planted 2m wide coir rolls with 10 no plants per m2
itioned with stones to edge of pond.
nt mix:
ex acutiformis (Lesser Pond Sedge)
cus effusus (Soft Rush)
hrum salicaria (Purple Loosestrife)
pseudoacorus (Yellow Flag Iris)
laris arundinacea (Reed Canary Grass)

SPECIFICATION FOR WILD FLORA ESTABLISHMENT AND MANAGEMENT

Sow seed early March-early May or early August-mid September at 5 gms per m2.
Prior to cultivation, any perennial weeds to be treated with a glyphosate herbicide and allow to die back.
Annual weeds are to be treated with a contact herbicide. Lightly disc harrow remaining vegetation, and sow seed,(mixing one part seed with four/ five parts dry sand) then lightly roll into soil. Do not apply fertiliser.
In the first year cut every 6-8 weeks to a height of 50-75mm to keep grass from overgrowing the wild flora, and remove cuttings.
In following years, undertake one cut in early Spring and one cut in October, to a height of 50-75mm. The second cut should be undertaken by a flail mower, the hay left for a few days to dry off and drop seeds, and then collected with a forage harvester or bailer.(A local farmer could be contracted to provide this service in return for the hay crop) . The smaller areas between the trees within the wild flower meadow will have to be undertaken by conventional mowers or strimmers.

SPECIFICATION FOR STRUCTURE BELT AND HEDGEROW MANAGEMENT

All specimen trees are to grow to their expected mature height, and any pruning will be to cut back overhanging branches or to remove broken, dead, diseased or suckering branches.
Trees within grassed areas are to be mulched with a minimum 1m dia bark mulch area to the base of the tree, and the outer ring to be demarkated with three softwood posts, min 50mm dia, buried 300mm in the ground and 300mm above ground. Trees are to be further protected with a weldmesh tree guard,
1200mm high and 300mm dia, buried beneath soil level and stapled to the tree stake on one side.
All trees are to be watered May-September with 200-250 litres of water per month
All plants within the structure planting and thicket mix are to be planted with semi-rigid polypropylene guards, height 600mm, buried 50mm into the ground The ground beneath the structure planting is to be maintained by keeping an area of 600mm dia around each plant weed free with regular use of herbicide, undertaken on non-windy days to avoid damage to the species rich grassland, and the spaces between to be regularly strimmed. The shrub species within the structure planting is to be thinned out by 50% after 5 years to allow the tree species to grow on.
The thicket mix is to be maintained weed free by the application of a 75mm bark mulch throughout the whole bed and regular spot treatment of weeds. The thicket mix is to be regularly cut back every third year to encourage dense bushy growth.
The hedgerow to the A259 will be planted with semi-rigid polypropylne guards, height 450mm, buried 50mm into the ground, and the whole area of the hedge is to be mulched, and maintained weed free with regular use of herbicide, undertaken on non-windy days to avoid damage to the species rich grassland. The hedgerow will be


150 x 38mm pressure treated softwood board, nailed to pegs with 65mm galvanised nails
75mm compacted depth of hoggin kept 6mm down from top of edging board to prevent migration
Sub-base 100mm compacted crushed stone, hardcore, crushed rubble on compacted sub-grade
Pressure treated softwood pegs, 50 x 50 x 600mm, driven into ground at 1.2m centres (up to 300mm centres in curved sections)

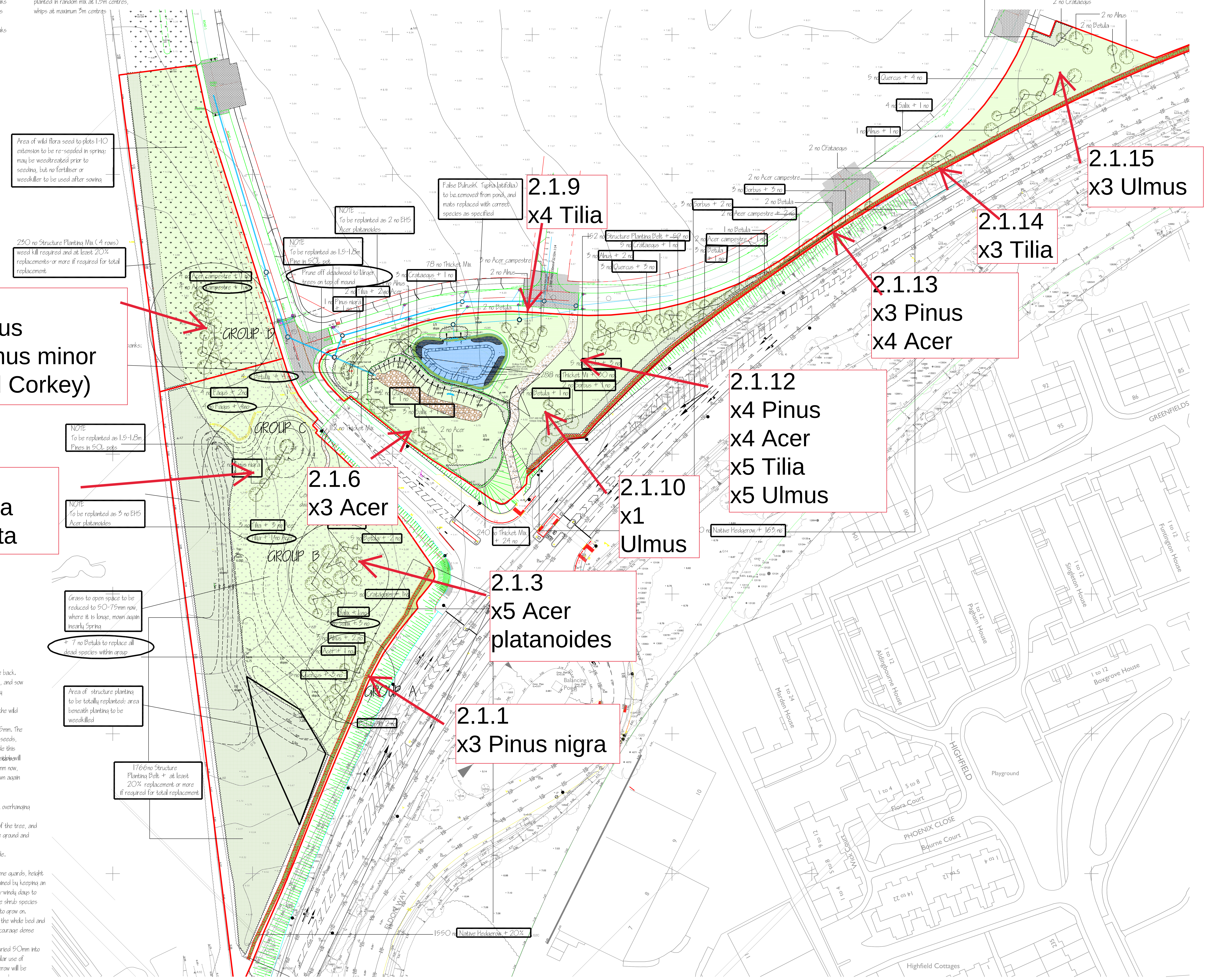
DETAIL FOR HOGGIN PATH 1 : 10

GROUP A
7 no Betula pendula

GROUP B
3 Salix alba

GROUP C
1 Acer platanoides

GROUP D
4 no Betula pendula
4 no Fagus sylvatica
1 no Acer campestre



Area of wild flora seed to plots 1-10 extension to be re-seeded in spring; may be weedtreated prior to seeding, but no fertiliser or weedkiller to be used after sowing

230 no Structure Planting Mix (4 rows)
weed kill required and at least 20% replacements-or more if required for total replacement

NOTE
To be replanted as 1.5-1.8m Pine in 50L pot

NOTE
To be replanted as 2 no EHS Acer platanoides

Prune off deadwood to larger trees on top of mound

False Bulrush(Typha latifolia) to be removed from pond, and mats replaced with correct species as specified

NOTE
To be replanted as 1.5-1.8m Pines in 50L pots

NOTE
To be replanted as 3 no EHS Acer platanoides

Grass to open space to be reduced to 50-75mm now, where it is longe, mown again inearly Spring

+ 7 no Betula to replace all dead species within group

Area of structure planting to be totally replanted; area beneath planting to be weedkilled

1766no Structure Planting Belt + at least 20% replacement or more if required for total replacement

KEY

🟥	Boundary to Phase 1 POS works
●	EHS Trees
●	Feathered trees
🟩	Structure Planting & Thicket Mix
🟥	Native Hedgerow
🟩	Species Rich Grass
🟩	Amenity Grassland
🟦	Area of permanent
▨	Aquatic planting
▨	Hoggin footpath (detail above)
▨	300mm depth gra
----	1.2m high post and rail timber fence
—	1m wide unmown gra
5 no Quercus + 4 no	replacements Oct
5 no Quercus + 4 no	replacements 2019
AREA A	refer to list of repl trees 2019-202

rev P Replacement trees for 2019-20 season to area of POS to west of entrance road July 2019
rev O Centenary stone layout added 26. 3. 18.
rev N Revised replacement requirements after site meeting 28.9.15
rev M Additional notes on replacements. Extra area to plots 1-10 ad to western boundary Sep 2015
rev L Replacements required for completion after site visit 7. 8. 2C Aug 2015
rev K Fence line around pond amended. Unmown grass strip around pond added Sep 2014
rev J Marked up for additional planting needed by ALS. Exxtension of planting to western boundary included June 2014
rev I Additional planting around sub-station Apr 2014
rev H Pond re-shaped. Fence added around pond banks, aquatic planting added Feb 2014
rev G Hedgerow numbers corrected. Species rich grass area defined Numbers added to schedule Dec 2013
rev F Hippophae removed Nov 2013
rev E Sub station added and red line boundary amended. amended. Footpath detail added Oct 2013
rev D Drawing title changed. Road layout corrected. Red line boundar amended. Footpath detail added Sep 2013
rev C Amended to ecology report. Entrance feature added Water attenuation ponds amended July 2013
rev B Structure planting and native hedge mixes amended Management specification clarified Feb 2013
rev A Mounding added Jan 2013

LINDA OAK LANDSCAPE DESIGN
Dip. L.A., M.L.I.
76A Hammonds Lane
Totton
Hampshire
SO40 3LE
Tel/ Fax 023 80666738
e-mail info@lindaoakdesign.co.uk

Client
Barrett Homes SC

Job Title
Courtwick Lane
Littelhampton

Drawing Title
A259 Landscape Area -
S106 Approval Layout

Drg No	Revision
972/ 02	P
Date	Scale
Jan 2013	1 : 500 @ A0

ARUN DISTRICT COUNCIL LU/363/21/AOO