

Species	Proportion (%)	Type/ Root	Height (cm)	Density/ m. ctr
Quercus robur	7.5	Whip/ Br	80-100	1
Fraxinus excelsior	2.5	Whip/ Br	80-100	1
Acer campestre	10	Whip/ Br	80-100	1
Prunus avium	10	Whip/ Br	80-100	1

Species	Proportion (%)	Type/ Root	Height (cm)	Density/ m. ctr
Corylus avellana	20	Transplant/ Br	60-80	1
Crataegus monogyna	20	Transplant/ Br	60-80	1
Prunus spinosa	15	Transplant/ Br	60-80	1
Cornus sanguinea	10	Transplant/ Br	60-80	1
Lonicera periclymenum	2.5	Transplant/ Br	40-60	1
Rubus fruticosus	2.5	Transplant/ Br	40-60	1

Species	Proportion (%)	Type/ Root	Height (cm)	Density/ m. ctr
Viburnum opulus	30	Transplant/ Br	60-80	1
Ligustrum vulgare	30	Transplant/ Br	40-60	1
Rosa canina	15	Transplant/ Br	60-80	1
Rosa arvensis	15	Transplant/ Br	40-60	1
Euonymus europaeus	5	Transplant/ Br	40-60	1
llex aquifolium	5	Transplant/ Br	40-60	1

Thickets and copses (Mix C)

Planted in groups of 2-4 of same species at 1 meter centers

Species	Proportion (%)	Type/ Root	Height (cm)
Salix caprea	30	Transplant/ Br	60-80
Corylus avellana	30	Transplant/ Br	60-80
Crataegus monogyna	30	Transplant/ Br	60-80
Prunus spinosa	5	Transplant/ Br	60-80
Rosa canina	5	Transplant/ Br	60-80

Species	Proportion (%)	Type/ Root
Lonicera periclymenum Rubus fruiticosus Hedera helix	40 30 30	Transplant/ Br Transplant/ Br Transplant/ Br

Species	Size (cm)	Туре	D	
Phragmites australis	10-20	2 L		
To include the following submarged notive plants				

Curled pondweed (Potamogeton crispus)

Common spike rush (Eleocharis palustris) Water crowfoot (Ranunculus aquatilis)

Mixed native hedge (Mix F)

Transplants to be planted in a double staggered row at 300 mm centers (5 native species to form the hedgerow)

Species	Proportion (%)	Type/ Root
Crataegus monogyna	50	Transplant/ Br
Prunus spinosa	15	Transplant/ Br
Corylus avellana	15	Transplant/ Br
Euonymus europaeus	15	Transplant/ Br
Cornus sanguinea	5	Transplant/ Br

Contains: Wildflowers 20% (20 species) Grasses 80 % (5 species).

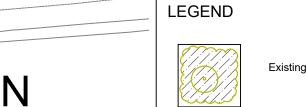
Specimen trees

Height (cm)

60-80 60-80 60-80 60-80 60-80

Species	Size (cm)	Туре
Alnus glutinosa	Std	Br
Betula pendula	Std	Br
Prunus avium	Std	Bt
Fagus sylvatica	Std	Br
Populus tremula	Std	Br
Quercus robur	Std	Br
Salix caprea	Std	Br
Sorbus aucuparia	Std	Br

Proposed habitat type	Total area
Oak and ash broadleaf woodland. (A)	2853 m2
Low woodland edge shrub mix. (B)	1960 m2
Thickets and copses/ scrub (C)	653 m2
Groundcover shrub planting (D)	410 m2
Reed/ submerged planting (E)	1386 m2
Standard trees planted within the meadow grass	68 nr
Standard trees to be planted within woodland	18 nr
Meadow grass (Species rich wildflower meadow)	14,777 m2
Water to pond	4429 m2
Mixed native hedgerow (F)	15 linear me



Core wood (Mix A)

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Woodland (Mix B)

-NWMAC NAMA

Thickets (Mix C)

MUNEN MUNE

Mix D

Mix E

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Existing vegetation to be retained and protected

Proposed oak and ash woodland core mix (Mix A)

Proposed low woodland edge mix (Mix B)

Proposed thickets and copses (Mix C)

Proposed low growing shrubs (Mix D)

Proposed reed beds and submerged plants to water margin (Mix E)

Proposed mixed native hedge (Mix F)

Proposed species rich wildflower meadow (Mix G)

Proposed specimen water side trees (Poplar and willow species)

Proposed scattered standard trees (Within the open meadow areas)

Proposed specimen light standard trees (Within the woodland areas)

Existing vegetation to be retained is to be protected with tree protection fencing in accordance with BS 5837 'Trees in relation to design demolition and construction-Recommendations.

REVISION NOTES

Rev A: addition of meadow grass to entrance drive Habitat area calculations updated Width of waterside plants increased to min 5 m. Adjusted key to marginal plants to 'reed beds' Aug 23 GJD
Rev. B: Tree species changed to native species, addition of 15 linear meters of native bedge, addition of 15 standard trees to o

linear meters of native hedge, addition of 15 standard trees to open meadow areas, addition of submerged plants to water margin, Aug 23 GJD specified grass seed mixture.

NOTES

DRAWN BY

GJD

MEASUREMENTS IN METRES UNLESS **OTHERWISE STATED**



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CLIENT					
Land Logical					
PROJECT ADDRESS					
Russell Green	Quarry, Chelmsford				
PROJECT TITLE					
Russell Green	Quarry				
DRAWING NAME					
Detail Planting Plan					
DRAWING NUMBER					
70071_002_001 (Rev B)					
DATE August 23	SCALE 1:500 @ A1				

CHECKED

MM

REVISION

В

Total site area (excluding hardstand to site entrance) is: 26,434 m2 Total area of proposed new habitat (Including waterbody) is: 26,468m 2

a or nr of proposed new habitat					
neters					

