



LANDSCAPE PROPOSALS

The proposals are to mitigate for tree, vegetation and habitat loss as a result of construction of a new irrigation reservoir and provide the required biodiversity net gain (BNG). The proposals include the new reservoir Area A, plus two other offset areas within the Burhill Golf Course landownership, Areas B & C. The proposals include woodland and scrub planting, enhancements to existing grassland and the provision of new areas of wildflower grassland. The composition of the tree, woodland and scrub planting and wildflower grass mixes is to work with appropriate existing species and additional species to enhance the biodiversity.

Proposals for Area A - Proposed Reservoir

To replace the woodland and trees removed in order to accommodate the reservoir. Woodland to be planted adjacent to the retained trees around an existing pond north of the reservoir. Species selected appropriate to the conditions; alder; silver birch; English oak; rowan and crack willow, with some shrub species; hazel; hawthorn; blackthorn and common osier to benefit biodiversity and provide foraging and nesting habitat for birds. Scrub planting to the west boundary of the reservoir bund is proposed to break up the line of bund and soften the view from the golf course to the west. Shrubs species proposed as above, plus holly and elder, again to benefit biodiversity and provide foraging/nesting habitat. The bunds of the reservoir are to be seeded with wildflower grass land mixes, the outer edge of the bund with a mixture containing a wide range of species to create a very diverse sward. The inner bund adjacent to the water is to be seeded with wild flowers and grasses suitable for sowing at the wet margins of water bodies.

SPECIFICATION

Refer to dwg 305/L/104

SEEDING MIXES

Emorsgate EP1 Pond Edge Mixture
Emorsgate EM3 Special General Purpose Meadow Mixture

PLANTING SCHEDULE

WOODLAND PLANTING Area A1 (0.08ha) plant at 1.75-2m centres in groups of 5-15 (220 plants)

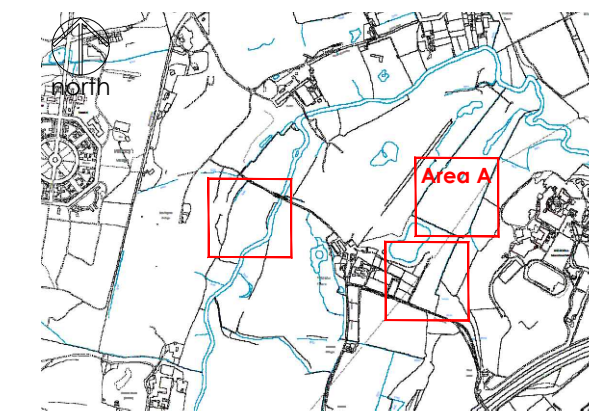
SPECIES	MIX %	HEIGHT	AGE / CONDITION	ROOT CONDITION	TOTAL	
<i>Alnus glutinosa</i>	Alder	25	80-100cm	1+1 Or 1/1	bare root	55
<i>Betula pendula</i>	Silver birch	10	80-100cm	1+1 Or 1/1	bare root	22
<i>Corylus avellana</i>	Hazel	5	80-100cm	1+2 Or 1/2	bare root	11
<i>Crataegus monogyna</i>	Hawthorn	10	80-100cm	1+1 Or 1/1	bare root	22
<i>Prunus spinosa</i>	Blackthorn	10	80-100cm	1+2 Or 1/2	bare root	22
<i>Quercus robur</i>	English oak	5	80-100cm	1+2 Or 1/2	bare root	11
<i>Salix fragilis</i>	Crack willow	15	80-100cm	0/2	bare root	33
<i>Salix viminalis</i>	Common osier	15	80-100cm	0/1	bare root	33
<i>Sorbus aucuparia</i>	Rowan	5	80-100cm	1+1 Or 1/1	bare root	11
		100				220

SCRUB PLANTING Areas A2, A3 & A4 (0.092ha) plant at 1.5m centres in groups of 5-15 (357 plants)

SPECIES	MIX %	HEIGHT	AGE / CONDITION	ROOT CONDITION	TOTAL	
<i>Corylus avellana</i>	Hazel	10	80-100cm	1+2 Or 1/2	bare root	36
<i>Crataegus monogyna</i>	Hawthorn	30	80-100cm	1+1 Or 1/1	bare root	107
<i>Ilex aquifolium</i>	Holly	10	40-60cm	bushy 3 laterals	container grown 3litre pot	36
<i>Prunus spinosa</i>	Blackthorn	25	80-100cm	1+2 Or 1/2	bare root	89
<i>Salix viminalis</i>	Common osier	20	80-100cm	0/1	bare root	71
<i>Sambucus nigra</i>	Elder	5	80-100cm	1+1 Or 1/1	bare root	18
		100				357

Notes

- Dimensions are given in metres and millimetres as stated on the drawing.
- Centre of site is located at approximately grid reference TQ 10301 62842.
- Drawing must be reproduced in colour.



Legend

- EXISTING RETAINED TREE CANOPY (APPROX)
- EXISTING SURVEYED TREES TO BE RETAINED
- EXISTING TREES - ROOT PROTECTION AREA
- EXISTING BRAMBLE/SCRUB
- EXISTING LONG GRASS
- EXISTING SHORT GRASS
- WATERCOURSE/WATER
- PROPOSED BUND
- PROPOSED WILDFLOWER AND GRASS SEEDING
- PROPOSED SCRUB PLANTING
- PROPOSED WOODLAND PLANTING

Drawing references

Reference	Description
305/L/100	LANDSCAPE PROPOSALS OVERVIEW PLAN
305/L/101	LANDSCAPE PROPOSALS - AREA A PROPOSED RESERVOIR
305/L/102	LANDSCAPE PROPOSALS - AREA B PROPOSED BIODIVERSITY NET GAIN
305/L/103	LANDSCAPE PROPOSALS - AREA C PROPOSED BIODIVERSITY NET GAIN
305/L/104	LANDSCAPE PROPOSALS - PLANTING SCHEDULE & SPECIFICATION

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LANDSCAPE PROPOSALS PLAN
SCALE 1:250 (A1)
SCALE 1:500 (A3)
METRES

Project BURHILL GOLF CLUB
PROPOSED ADDITIONAL RESERVOIR
Title LANDSCAPE PROPOSALS PLAN
AREA A - PROPOSED RESERVOIR

Dwg No 305/L/101
Scale 1:500 @ A3 / 1:250 @ A1
Date 18/12/2023

DRAWING BNG CALCULATIONS TO BE FINALISED

Revision	Date	Details	Drawn	Checked	Reviewed
P01	18/12/2023	FOR INFORMATION	KB	MD	MD

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