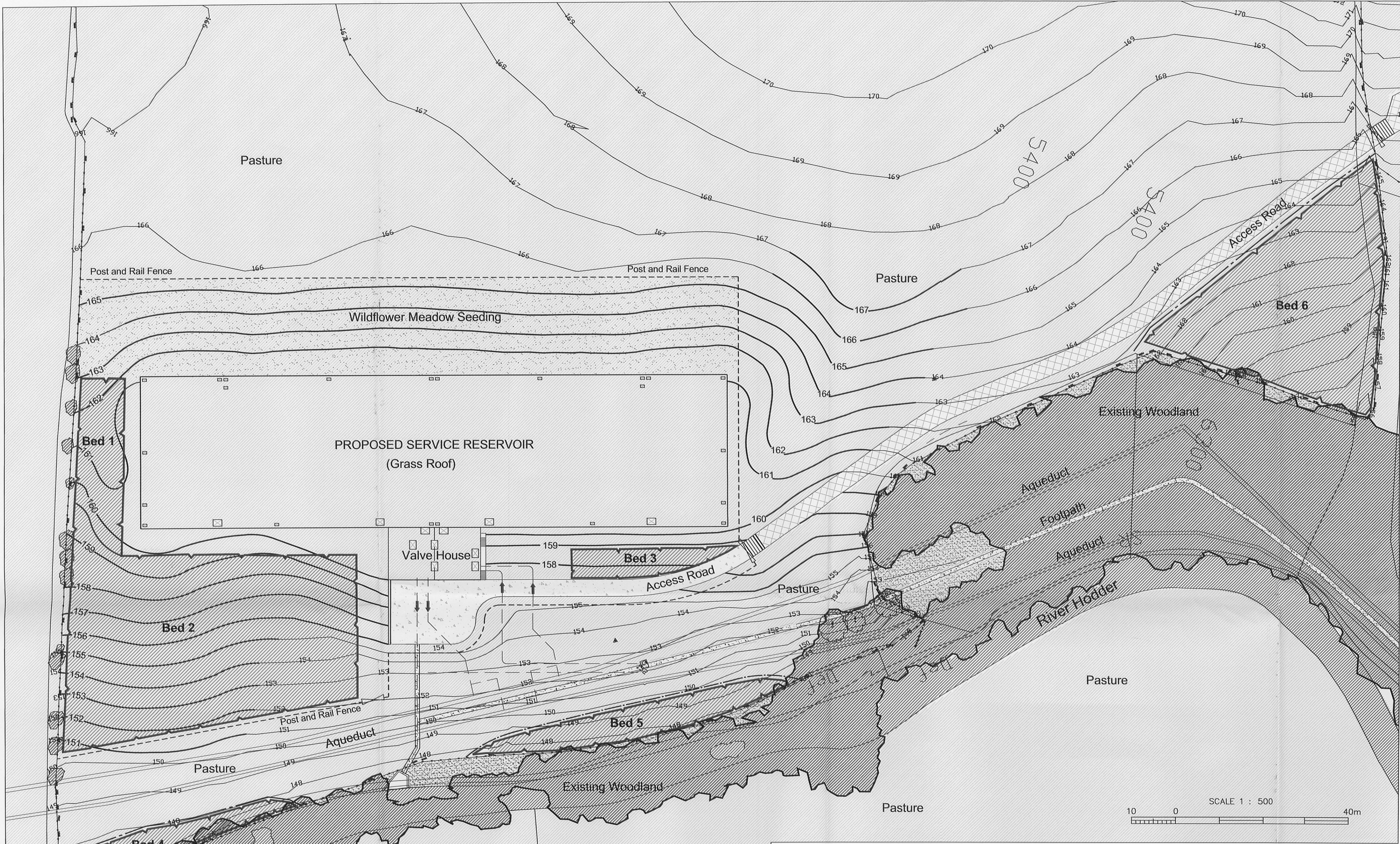




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PLAN KEY

- Existing Contours
- Proposed Contours
- Existing Woodland Planting
- Proposed Planting
- Proposed Wildflower Meadow Seeding
- Proposed Post and Wire Fence
- Proposed Post and Rail Fence
- Manhole

TRANSPLANT AND SHRUB PLANTING SCHEDULE										
Ref	Species	Overall Height (cm)	Root condition	Bed 1 368m²	Bed 2 2984m²	Bed 3 192m²	Bed 4 300m²	Bed 5 388m²	Bed 6 1631m²	Total
Ag	Alnus glutinosa	60-80	Bare-root		22		5	6	23	56
Bp	Betula pendula	60-80	Bare-root	25	112	6			61	204
Bpu	Betula pubescens	60-80	Bare-root				13	17		30
Cm	Crataegus monogyna	60-80	Bare-root	31	75	25	29	32	41	233
Ca	Corylus avellana	60-80	Bare-root	18	52	6	18	19	28	141
Fe	Fraxinus excelsior	60-80	Bare-root		89		7	9	38	143
Ia	Ilex aquifolium	30-40	Container 2L	6	22	5			13	46
Ps	Pinus sylvestris	30-40	Bare-root		22				13	35
Pd	Prunus padus	60-80	Bare-root	3	22		5	6	13	49
Psp	Prunus spinosa	60-80	Bare-root	18	52	15	13	13	28	139
Qp	Quercus petraea	60-80	Bare-root	10	186		7	9	101	313
Rc	Rosa canina	60-80	Bare-root	6	15	4	4	4	8	41
Sci	Salix cinerea	60-80	Bare-root				5			5
Sn	Sambucus nigra	60-80	Bare-root		15		5	6	8	34
Sa	Sorbus aucuparia	60-80	Bare-root	12	60	5	5	6	33	121

FEATHERED TREE SCHEDULE											
Ref	Species	Girth	Overall Height	Root condition	Bed 1 368m²	Bed 2 2984m²	Bed 3 192m²	Bed 4 300m²	Bed 5 388m²	Bed 6 1631sq.m	Total
Ag	Alnus glutinosa		125-150	Bare-root		25		3		15	47
Bp	Betula pendula		125-150	Bare-root	8	20	4	3	2	15	52
Fe	Fraxinus excelsior		125-150	Bare-root	2	15			3	20	40
Qp	Quercus petraea		125-150	Bare-root	4	30		4	3	25	66
Sa	Sorbus aucuparia		125-150	Bare-root	4	25	3	3	2	10	47
Pp	Prunus padus		125-150	Bare-root	2	5	1	2	2	5	17

Landscape Notes:

Design Proposals

The service reservoir will be cut into the hillside to reduce visual impact. Some arising soil material will be used to blend the reservoir and associated structures into the existing landform. In general the existing landform will obscure the proposed development. In areas, such as from the south, where views may be possible additional planting has been proposed. It is intended that these plantations will strengthen the existing river tree belt.

After construction parts of the site will be returned to pasture and grazed. To minimise the visual impact of the service reservoir and valve house their roofs will be grassed. For operational reasons these areas will be maintained as a short grass sward. The bank to the north of the service reservoir will be seeded as wildflower meadow.

All visible walls, including the outfall, will be clad in local stone and roof man-hole covers will be coated green. In addition post and rail fencing will be used rather than high, metal security fencing.

Planting General

The proposed plantations will consist of transplants and shrubs with feathered trees scattered throughout the area. The indicated planting mixes are intended to represent species found in the locality. Areas closer to the service reservoir or other structures will be planted with smaller shrub species.

Proposed Standard/Feathered Trees (See schedule)

(F) Feathered - 2x 150-175cm high, Bare-Root.

- a. Excavate planting pit 900mm dia. x 750mm deep, fork over bottom of pit to 250mm.
- b. Mix excavated topsoil with proprietary tree and shrub compost at the rate of 1 m³ compost to 1m³ excavated topsoil, insert 4 No. 12 month slow release fertiliser tablets per pit; fix tree stake, 100mm dia., 300mm into firm ground below tree pit before planting; set tree upright, tie with two flexible tree ties, and backfill with screened excavated topsoil to cover roots in layers not exceeding 150mm, soil to completely fill all air spaces round roots, backfill to final ground level with tree and shrub planting compost/topsoil mixture.
- c. Cut stake to 100mm below first branch or crotch, water thoroughly.

A 2 year defects liability period will be applied to all standard/feathered trees.

Transplants and Shrubs (See Schedule)

All litter, debris and stone above 50mm in any dimension and any unwanted material will be removed from planting areas.

All transplants will be notched planted in an upright position. All will be secured with canes and spiral rabbit guards.

All container grown material will be planted in 400mm deep x 450mm dia. pits, backfilled with compost/topsoil mix; all damaged branches will be trimmed; all to be watered to field capacity, spray evergreen species with anti-desiccant.

Grass Reinstatement

- a. All unwanted material and stone above 50mm in any dimension is to be removed from site to a licensed waste facility.
- b. Reduce top 25mm of topsoil to a fine tilth suitable for seeding and grade to smooth flowing contours.
- c. Apply British Seed Houses A4 conservation Mix at 35g/m² in two transverse sowings. (Service Reservoir Areas).
- d. Apply seed to pasture areas; mixes and rates to be agreed with adjacent landowner (Organic Farm).
- e. Apply British Seed Houses RE9 farmland meadow mix at 3-5 g/m² in two transverse sowings. (Indicated bank).

Planting Maintenance

- a. All planting is to be maintained weed and grass free (Monthly).
- b. All planting, stakes and guards are to be checked and verified (Monthly).
- c. Fertiliser is to be applied to the base of planting during the autumn (Once yearly).

Grass Maintenance

- a. Areas returned to pasture will be grazed as required.
- b. Service Reservoir embankments and roofs will be maintained as short grass.
- c. Meadow areas will be cut or grazed once or twice a year (March/September)

Additional Notes:

All measurements are in millimetres, unless otherwise stated.

REVISION INFORMATION

3 2 0070621P

DATE DRWN CHKD REV PURPOSE

06/02/2007 SG MB Planning Application



Project Hodder Service Reservoir

Title Proposed Landscape Plan

NOT TO BE USED FOR CONSTRUCTION

Drawing Number UU/PV/90021775/664/2255 Scale 1:500 Master size A1