



Section: Reagent slope 450x450mm (Class 6T) to be placed alongside the root ward to secure the root ward and bank.

Plan: Immediate area of slope above the root stump to be reinstated as required.

Flow of River

• Securing points

• Root stump placed in areas of existing scour at the toe of the embankment.

• The contractor should allow for 200 root stumps in final. Final works to be confirmed on site.

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3m Salix fragilis (highlighted) are to be felled as part of the site clearance works, and the root stumps saved for reuse to stabilise the bank as part of a bio-engineering measure on site.

Definition: Root stumps are to be pre-selected by the Environmental Clerk of Works and positioned in * No area of scour on the river bank. This will be secured in place as illustrated in the indicative detail, with the root system exposed to the river.

Works to be undertaken by a specialist environmental sub-contractor with experience of this operation. Refer to plan for illustrative location details.

*One site has been identified, but all works subject to practicality of safety and successfully placing a root stump and securing it in place

Alongside the root stump, a grouping of 450x450mm(Class 6T) rock is also to be placed in the area. Additional rock is also to be used around existing vegetation where scouring has occurred. Allow for 10m³ of rock in total.

Note: Works should reference all utility information. Refer to Drawing B1894500/2/00/01

For plant information and schedules for the Maws Area refer to this drawing. For information in regards the plant planning refer to drawings B1894500/3000/07 to 09.

KEY

	Existing trees, hedges and scrub retained		Rock reinvent, locally enhanced with bio-engineered features
	Works boundary		Improved field drainage / swales
	Area excluded from works		Permanent bat commuting screens
	Overhead electricity diversion		Receptor site (LE 6.4 areas for saved Giant Horseshoe & damp grassland species) to be translocated into. See Ecological Mitigation Strategy, Vol 2 / Mitigation
	Permanent fence line		Japanese Knotweed (JKW) remediation burials planting only carried out once clear of JKW. (See Japanese Knotweed Mitigation Strategy)
	Severn Valley Way route fence line		Bitumen highway
	Chestnut pale fence line		Bitumen footway
	Post & Three rail		Unbound footpath
	Woven wire fence (stockproof)		Reinforced earth access track
	Timber birds-mouth knee rail		Resurfaced bitumen footpath
	Piling Works		Root Stump location, Final position to be confirmed on site

Maws Area Plant Schedules:

LE2.7 Scattered Trees

Plant in random single species or small groups, as agreed on site prior to planting.

Common Name	Botanical Name	Abbrev	Form	Age	Height (cm)	Root Condition	Breaks	Total Number
Shropshire Damson	<i>Prunus domestica</i>	Pd	Maiden	2x	125-150	B	5	1
FEATHERED / MADDEN TREES								
TRANSPARENTS								
Field Maple	<i>Acer campestre</i>	Ac	Transparent	1+1	60-80	B	3	3
Birch	<i>Betula pendula</i>	Bp	Transparent	1+1	60-80	B	3	3
Birch	<i>Betula pendula</i>	Bp	Transparent	1+1	60-80	B	3	3
Grown on rootstock St. Julian's A or similar approved								
TOTAL								9

LE5.1 Individual Specimen Trees

Plant as shown on drawings.

Common Name	Botanical Name	Abbreviation	Grth	Type	Height (cm)	Root Condition	Breaks	Total Number
Standard								
Birch	<i>Betula pendula</i>	Bp	18-20cm	Extra Heavy Standard	4.5-5m	RB	3	3
					2m Clear stem	RB	3	3
Sweet Chestnut	<i>Castanea sativa</i>	Cs	18-20cm	Extra Heavy Standard	4.5-5m	RB	3	3
					2m Clear stem	RB	1	1
TOTAL								4

SCHEMATIC LOCATION PLAN

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED IN THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS:-

CONSTRUCTION

CLOSE TO RIVER OR WITHIN RIVER MARGIN, SLIPS & FALLS RISK

LEAKS/SPILLS (WELLS DISEASE) VEHICLE MOVEMENTS - RISK TO LABOURERS

POSSIBLE PRESENCE OF ADDER

MAINTENANCE/CLEANING/OPERATION

CAVE TO BE TAKEN ON EMBANKMENT SLOPE AND AROUND RIVER EDGE/END

NEW SEATING AREAS - LITTER/GLASS DEBRIS

DECOMMISSIONING/DEMOLITION

COPING WORK & GENERAL ARBORECUITURAL WORK IN THE FUTURE WILL BE CLOSE TO THE PUBLIC FOOTWAYS AND FOOTPATHS.

POSSIBLE RE-EMERGENCE OF JAPANESE KNOTWEED

FOR CONSTRUCTION

Scale: 1:500 @ A1

Client No: B1894500

Client: DO NOT SCALE

Drawing number: B1894500/C/3000/05

Rev: C

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Project: JACKFIELD STABILISATION

LANDSCAPE DESIGN

MAWS MEADOW - FERRY ROAD

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Rev	Rev. Date	Purpose of revision	Drawn (Checked)	Revised (Approved)
C	12/01/2015	CLARIFICATION OF FOOTBALL LOCATIONS, TREE & PLOT AREAS	TS	AR
B	16/07/2014	CHANGES TO FOOTBALL FINING	WS	TS
A	09/07/2014	INFORMATION FOR ROOT WADS	WS	TS
0		NOT ISSUED	WS	DL

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.