

YORK FAS - UPPER FOSS / STORAGE BASIN
INDICATIVE PLANTING SCHEDULES & APPROX. AREAS TO LANDSCAPE ELEMENTS

Native Woodland Butt Mix

The contractor shall make every effort to source plant stock and associated material from local suppliers. If this is not available plants shall be of British origin, obtained from an approved source. Tree stock to be planted at 1.5m spacings unless indicated on the associated area plans.

Species	Size	Plant No.	1	2	3	4	5	6	7	8	Total
			30	6	14	22	61	41	14	43	256
<i>Alder glutinosa</i>	Transplant 1 + 2										
<i>Salix pendula</i>	Transplant 1 + 2										
Common Oak	Transplant 1 + 2										
Overhead	Transplant 1 + 2										
<i>Corylus avellana</i>	Transplant 1 + 2										
<i>Crataegus monogyna</i>	Transplant 1 + 2										
<i>Rosa bracteata</i>	Transplant 1 + 2										
<i>Rosa blanda</i>	Transplant 1 + 2										

Native Species Mix for New Hedgerows

The contractor shall make every effort to source plant stock and associated material from local suppliers. If this is not available plants shall be of British origin, obtained from an approved source. Hedge mix to be planted at 4 plants per 1m in min with 2 staggered rows located centrally in 1m wide bed. 40cm between plants and rows. EPH - Hedgerow Mix to be planted alongside all new and opened up hedge lines where additional space has been allocated. Seed mix to be sown at 4kg per m².

Species	Size	Plant No.	1	2	Total
			175.3	49.7	377
<i>Crataegus monogyna</i>	Transplant 1 + 1				
<i>Prunus padalis</i>	Transplant 1 + 1				
<i>Aster Campaniflorus</i>	Transplant 1 + 1				
<i>Rosa canina</i>	Transplant 1 + 1				
<i>Corylus avellana</i>	Transplant 1 + 1				

Marginal and Emergent Seed Mix - 9700m²

Marginal and Aquatic seed mix to river margins and borrow pit areas to be sown at 4g per m². Supply of grass seed mixes for emergent areas use Emergent (EM) (Meadow mixture for wetlands) and EPI (Flood ridge mixture) for the marginal water areas. Seed shall be sown in September. A seed certificate shall be supplied and will provide full detail and information regarding certificate number, species supplied, identity number, origin and weight of seed supplied.

To support the seed mixes it will be necessary to include for marginal plugs species to create a instant impact and provide cover for the seed mixes to establish. The table below shows the plug species to be used and following approval from EA a proposed detailed planting plan will be provided.

Species	Size
<i>Phragmites australis</i>	Scm
<i>Phragmites australis</i>	Scm
<i>Glyceria maxima</i>	Scm
<i>Juncus inflexus</i>	Scm
<i>Juncus effusus</i>	Scm
<i>Carex panicea</i>	Scm
<i>Carex hirta</i>	Scm
<i>Iris pseudocarpa</i>	Scm

Species Rich Grassland - 24026m²

Species rich grassland to be sown to areas as indicated on the drawing or where construction works have disturbed cover boundaries of the site. EMK is to be sown at 4g per m². Supply of grass seed mixes are from Emergent Seeds Ltd. Seed is best sown in the autumn or spring but can be sown at other times of the year if there is sufficient warmth and moisture. The seed must be surface sown and can be applied by machine or broadcast by hand shall be sown in September. A seed certificate shall be supplied and will provide full detail and information regarding certificate number, species supplied, identity number, origin and weight of seed supplied.

Marsh Grassland - 1256m²

Marsh grassland to be sown to areas as indicated on the drawings. EMS - Meadow mixture for wetlands is to be sown at 4g per m². Supply of grass seed mixes are from Emergent Seeds Ltd. Seed is best sown in the early autumn or in spring once the land has drained. Most plants need time to grow mature enough to withstand flooding. The seed must be surface sown and can be applied by machine or broadcast by hand shall be sown in September. A seed certificate shall be supplied and will provide full detail and information regarding certificate number, species supplied, identity number, origin and weight of seed supplied.

Embankment Species - 30092m²

Spillway Species - 12692m²

Embankments and spillway slope to be seeded using a seed mix to be agreed and approved

Reed Translocation - 11309m²

Reeds to be translocated from local habitats

Scrub Natural Regen - 2318m²

Scrub to naturally regenerate with areas as shown on the drawing

Wetland Area - 16789m²

Wetland areas to be sown to areas as indicated on the drawings. EMS - Meadow mixture for wetlands (or similar approved) is to be sown at 4g per m². Supply of grass seed mixes are from Emergent Seeds Ltd. Seed is best sown in the early autumn or in spring once the land has drained. Most plants need time to grow mature enough to withstand flooding. The seed must be surface sown and can be applied by machine or broadcast by hand shall be sown in September. A seed certificate shall be supplied and will provide full detail and information regarding certificate number, species supplied, identity number, origin and weight of seed supplied.

Reprofiling - 2616m²

Reprofiling on the left and right bank to be sown with EMS - Meadow mixture for wetlands (or similar approved). It is to be sown at 4g per m². Supply of grass seed mixes are from Emergent Seeds Ltd. Seed is best sown in the early autumn or in spring once the land has drained. Most plants need time to grow mature enough to withstand flooding. The seed must be surface sown and can be applied by machine or broadcast by hand shall be sown in September. A seed certificate shall be supplied and will provide full detail and information regarding certificate number, species supplied, identity number, origin and weight of seed supplied.

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
CONSTRUCTION
MAINTENANCE / CLEANING
RECOMMISSIONING / DEMOLITION

- REFERENCE DRAWINGS AND DOCUMENTS:**
- The drawing is to be read in conjunction with the following documents and documents:
- ENH0000381C-CMA-00-00-CR-CO700_36
 - ENH0000381C-CMA-00-00-CR-CO700_37
 - ENH0000381C-CMA-00-00-CR-CO700_40
 - ENH0000381C-CMA-00-00-CR-CO700_41
 - ENH0000381C-CMA-00-00-CR-CO700_42
 - ENH0000381C-CMA-00-00-CR-CO700_43

GENERAL NOTE:
 After engineering soils have been removed from the adjacent bank of the River Foss the bottom of profile should be modified and shaped to improve and regulate water flow into the watercourse. The final levels and position of the bottom pile will depend on the amount of soil removed to create the bank. This will only be known after construction begins.
 The water levels will be linked to the surrounding groundwater levels and average water levels of the River Foss. Seasonal variations are likely to occur and this will also have impact on the levels in Borrow pits from the River Foss. The water level will be used as the maximum height of the new profile.

Rev.	IC	IS	Rev. Date	10/02/20
01	IC	IS	Rev. Date	10/02/20
02	IC	IS	Rev. Date	10/02/20
03	IC	IS	Rev. Date	10/02/20
04	IC	IS	Rev. Date	10/02/20
05	IC	IS	Rev. Date	10/02/20
06	IC	IS	Rev. Date	10/02/20
07	IC	IS	Rev. Date	10/02/20
08	IC	IS	Rev. Date	10/02/20
09	IC	IS	Rev. Date	10/02/20
10	IC	IS	Rev. Date	10/02/20

Project: RIVER FOSS FLOOD STORAGE AREA

Client: Environment Agency

Project: RIVER FOSS FLOOD STORAGE AREA

Drawing: PLANTING SCHEDULE

Scale @A1: 1:500

Drawn: TC

Checked: DS

Approved: DS

Project No: CS020480

Date: 11/02/2020

Project Location: 0507706-000

Project Name: ENH0000381C-CMA-00-00-CR-CO700_43

Project No: P54

Date Valid 12/02/2020

REVISED PLAN

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