

A DUCK RESTING ON A ROCK

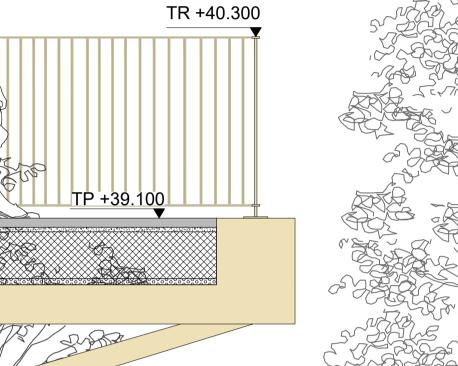
Riparian Bank +33.225

E.



GRANITE BOULDERS

SECTION S-05 Scale 1:25



Tree Planting

Variation of tall large canopy native trees (Alder, Birch, Aspen) and small shrubby native species (Willow, Hazel, Hawthorn) will help to further stabilize the embankments and add higher layers of habitats in the Riparian Zone River Corridor for birds and insects and enhance the biodiversity.

Riparian Planting

Live Willow Stakes (Left)/ Willow Mattress Right) and marginal shade tolerant plants such as Ivy, Iris, ferns planted to stabilize the embankments with their root structure and to create a new riparian habitat along the opened river.

Granite Boulders

Large Granite Boulders to act as anchor/ballast to keep the gabion mattress on the river bed in place and protect the bioengineered embankments from washing away during high water conditions (floods)

Riparian Bank +32.880

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River Bed Approx +31.730

Existing Camac River Culvert Bed

Mesh keeping Willow Mattress in place

Riparian Bank +30.900

TR +40.300

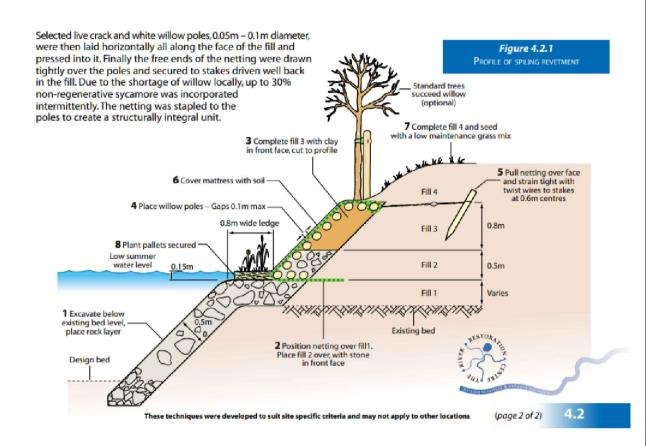
Topsoil Varies 300mm-600mm

Clean Imported Approved Subsoil

Existing Subsoil Ripped to Improve Drainage



Willow, Hawthorn, Hazel and Aspen Planting



WILLOW MATTRESS

Rev Date



WILLOW MATTRESS ROOT STRUCTURE GROWTH AFTER 6 MONTHS

Rev	Date	Description			Ву
				nensions to be used in all ca prior to commencement of v	
S	TEP	HEN DI	AMOND	ASSOCIAT	ES
Cŀ	HART	ERED LA	NDSCAPE	ARCHITECT	S
68 Pearse Street Dublin 2				tel: 01 6775670	
email: mail@sdacla.ie				fax: 01 6775669	
Clie	^{nt} Malc	lose Limited		Project No.: 22-5	579
Proj	^{ect} Gov	van House		^{Scale} 1:25 @ A1	
Title	Sec	tion 05		Date Issued 2023-10	-09
Drg	№ 22-	579-SDA-I	PD-DR-XX-	206	
Dra	wn BS	Purp	^{oose} Planning	g Checked SD	