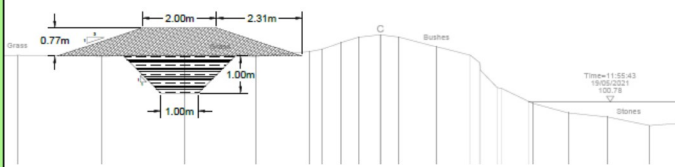


Legend

- 1% AEP - Pre & Post Scheme Floodplain
- 1% AEP - Post Scheme - New Flooding
- 1% AEP - Post Scheme - Benefiting Area
- Embankment
- Wall
- Watercourse
- OS MAP Line

Tullamore Rd Embankment

An existing informal embankment along the riverbank provides flood protection
 A new embankment will provide protection into the future
 To maintain the river bank and hedgerow, the new embankment will be built parallel to the existing
 This embankment will be fenced off to prevent erosion from livestock



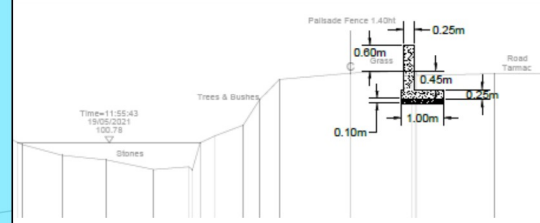
Embankment Cross Section



Proposed embankment location

ICW Retaining Wall

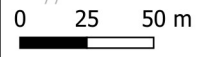
This short wall is required to reduce flooding to the Integrated Constructed Wetlands Wastewater Treatment facility
 The wall will be built along the existing kerb line
 It will extend below ground to cut-off the seepage path



Retaining Wall Cross Section



Proposed wall location



Client  **Laois County Council**

Project **Clonastee Flood Relief Scheme**

Title
**Proposed Defences
 Area 3: Tullamore Road**

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 West Pier Business Campus
 Dun Laoghaire
 Co. Dublin
 Tel: +353 1 488 2900

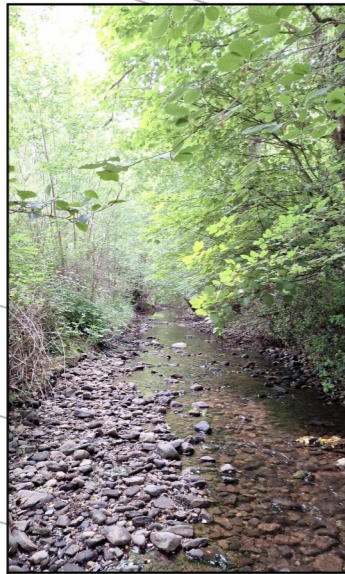
Issue Details

File Identifier: MDW0867QG0100		
Status: S2	Rev: P01	Model File Identifier: MDW0867QG0100
Drawn:JM	Date:06/12/2023	
Checked:BC	Scale:1:1000 @ A1	
Approved:BC	Map projection: Irish Transverse Mercator / ITM	

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1. Sightlines at Site Entrance



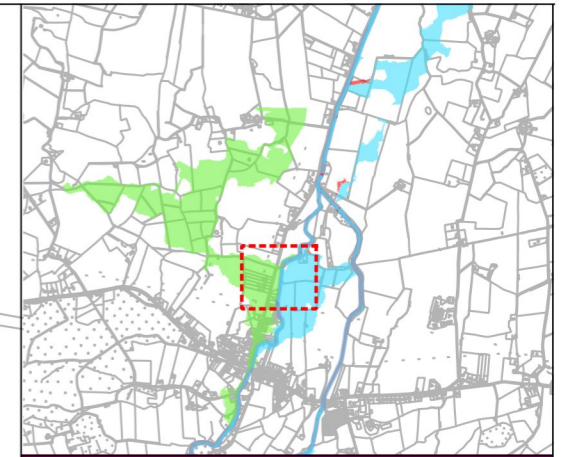
2. Maintain High Quality River Condition



3. Continued Operation of ICW

ICW Wall Construction Site

Embankment Construction Site



Legend

- Construction Site
- Watercourse
- OS MAP Line

Client  Laos County Council

Project **Clonaslee Flood Relief Scheme**

Title
**Construction Considerations
Area 3: Tullamore Road**

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Issue Details		
File Identifier: MDW0867QG0107		
Status: S2	Rev: P01	Model File Identifier: MDW0867QG0100
Drawn:JM	Date:07/12/2023	
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