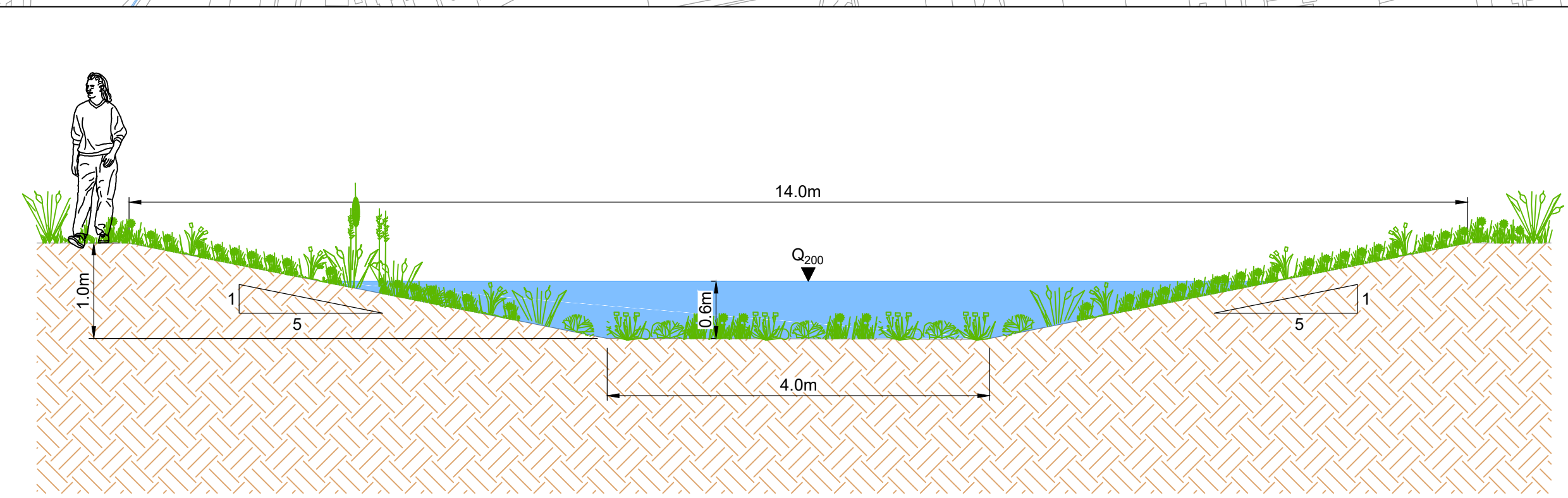
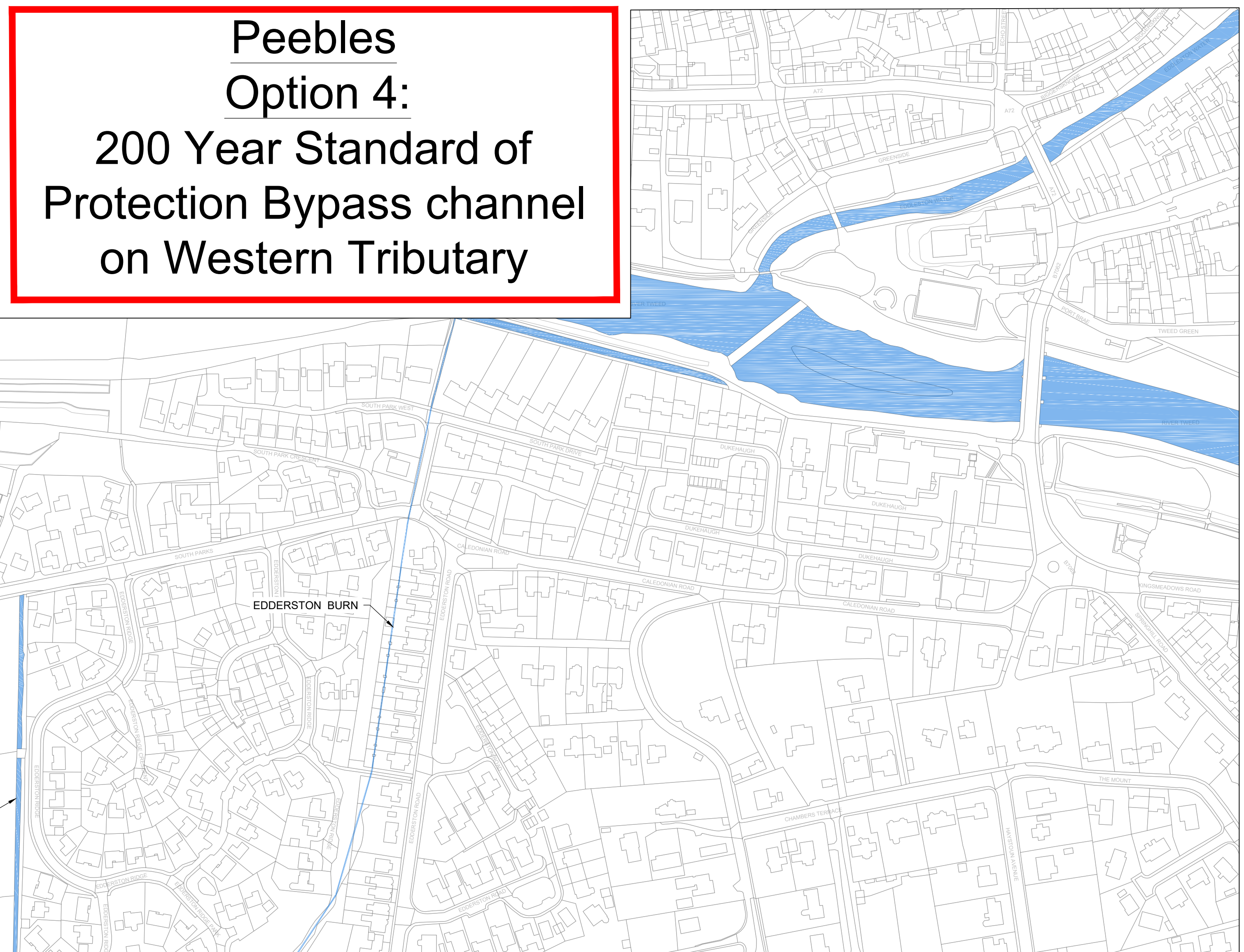
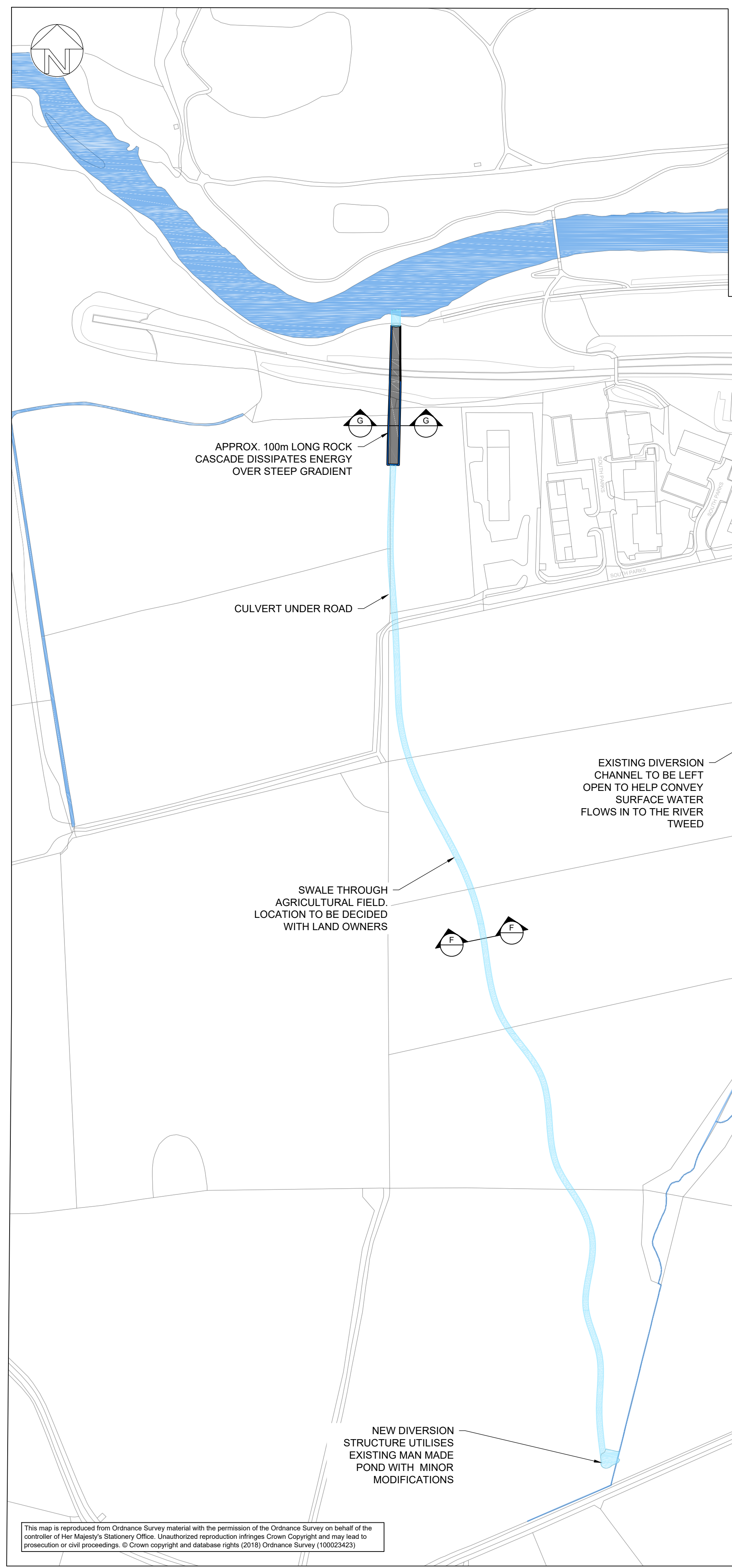
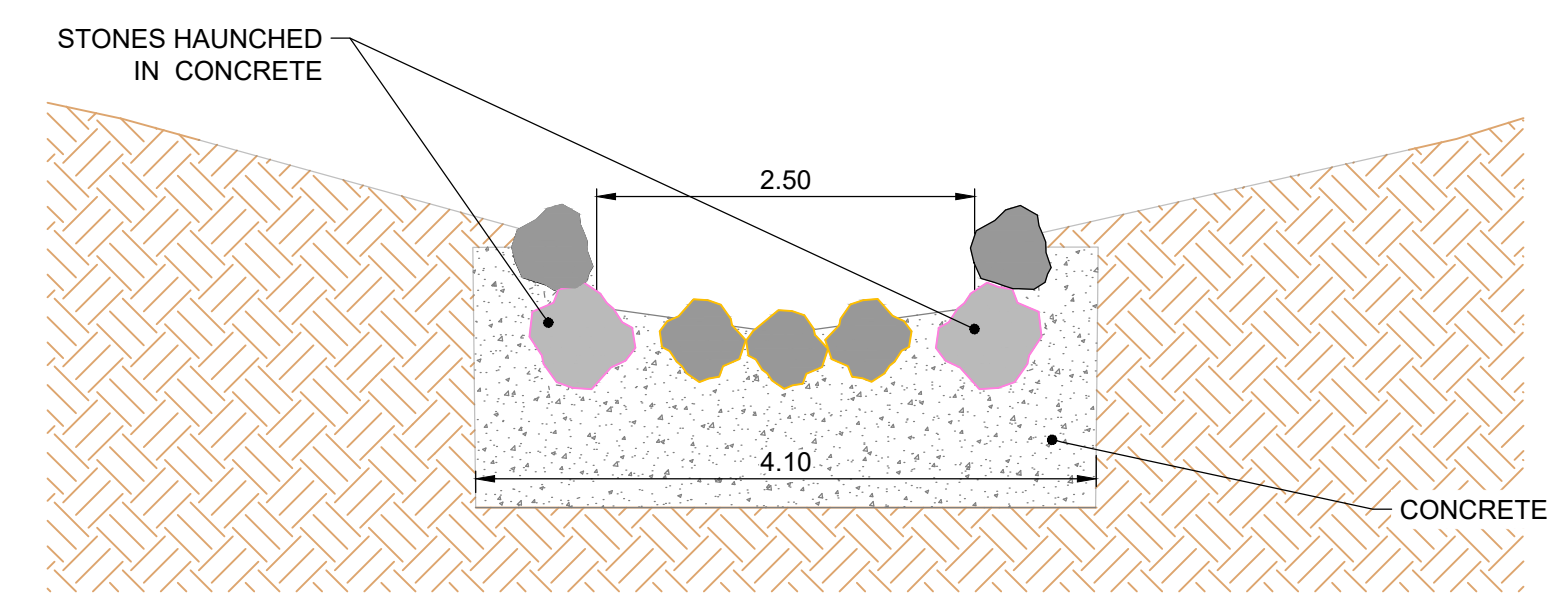


# Peebles Option 4: 200 Year Standard of Protection Bypass channel on Western Tributary



**SECTION F-F: TYPICAL CROSS SECTION THROUGH PROPOSED BYPASS CHANNEL**  
1:50



**SECTION G-G: TYPICAL SECTION THROUGH ROCK CASCADE**  
1:50

**OPTION SUMMARY.** A bypass channel will convey flows from the Western tributary of the Edderston Burn directly to the River Tweed. It will be composed of a new diversion structure, swale and rock cascade. The swale will be 14m wide and 1m deep and cut into the side of the hill. This option shall only catch flow from the western tributary. This option eliminates all flooding along the Diversion Channel and significantly reduces the out of bank flooding on the Edderston Burn. Slight channel deepening or Natural Flood Management on the Edderston Burn may be enough to eliminate flooding at the 200 year event otherwise walls are needed at Edderston Burn culvert inlet.

**LEGEND**

	EXISTING GROUND
	EXISTING WATERCOURSE
	NEW OPEN CHANNEL

Rev.:	Date	Drawn	Designed	Checked	Approved
Client Approval					
A - Approved					
B - Approved with Revisions					
C - Do Not Use					
Purpose of Issue					Status
Suitable for Coordination					S1

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**Project**  
Borders Flood Studies

**Title**  
Peebles  
Edderston Burn: Option 4 (200 Year)  
Bypass Channel

**Client**  
for  
**MOTT MACDONALD** and **Scottish Borders COUNCIL**

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<b>Scale</b> As Shown @ A1	Drawn: A Coad	13/02/18
	Designed: J Garrett	12/02/18
	Checked: A Pettit	17/07/18
	Approved:	

<b>Project Number:</b> 2017s5526	<b>Revision</b>
<b>Drawing Number</b> AEM-JBAU-PB-EB-IM-C-1402	P02

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**PLAN**  
1:2000