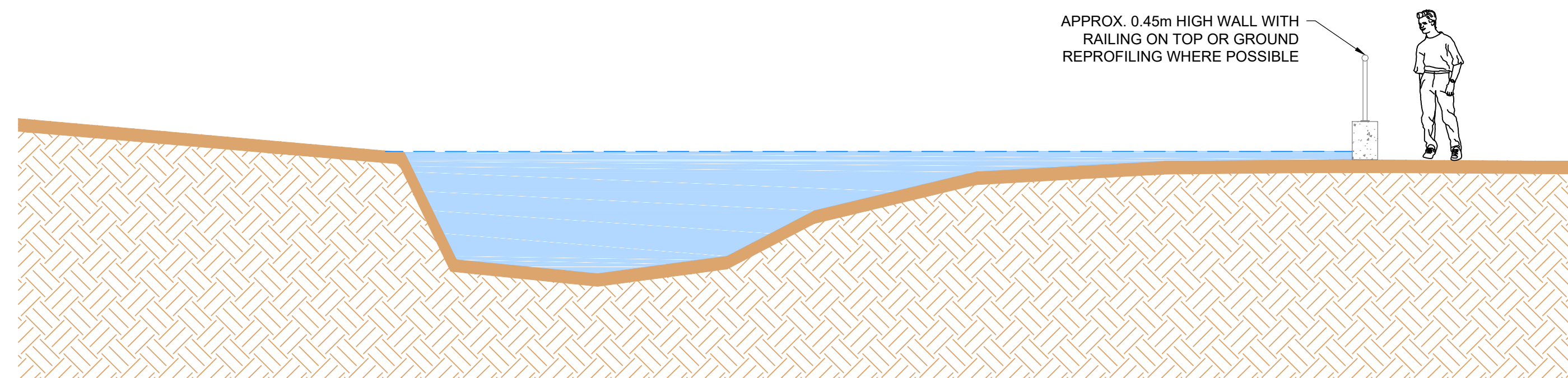
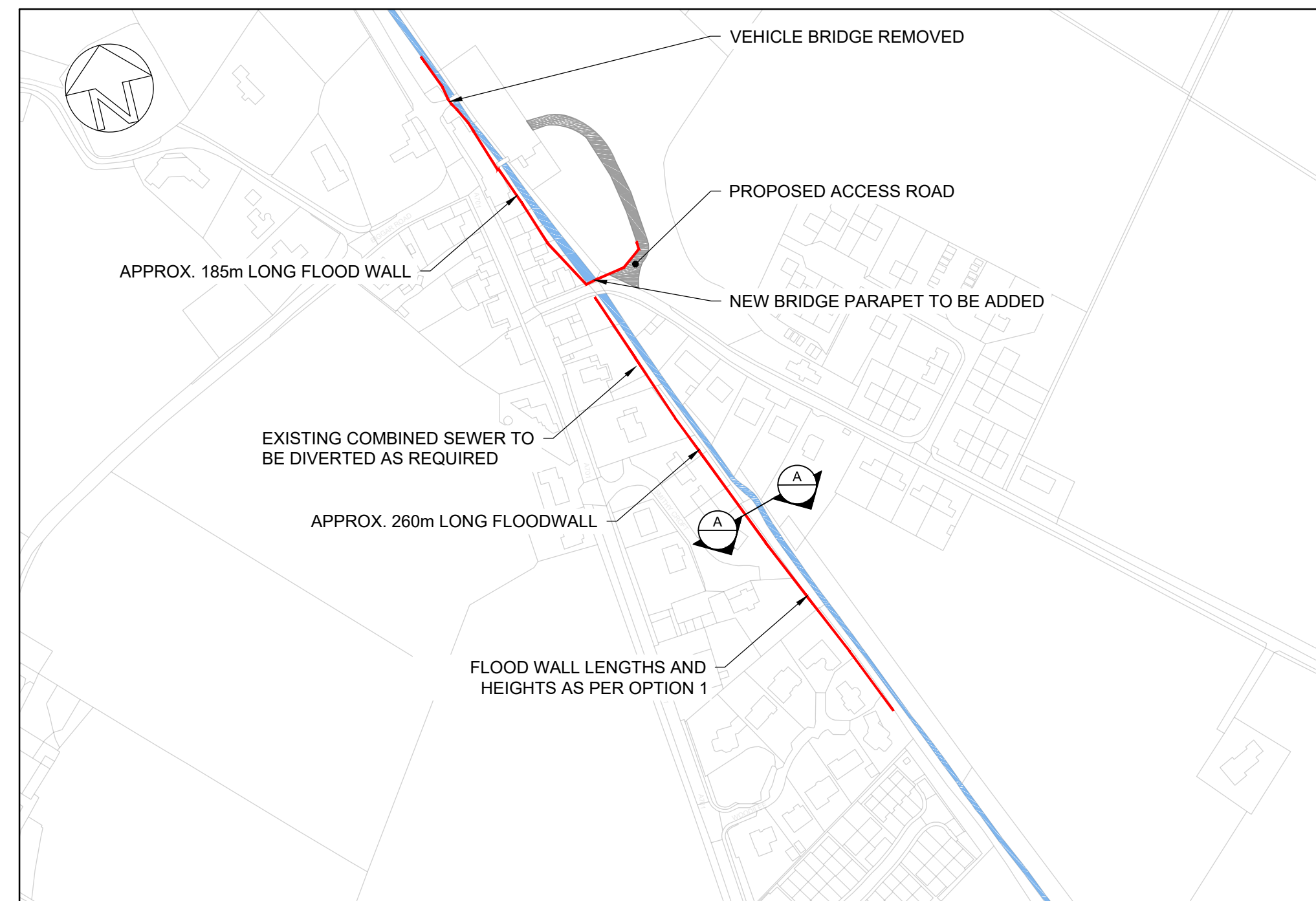
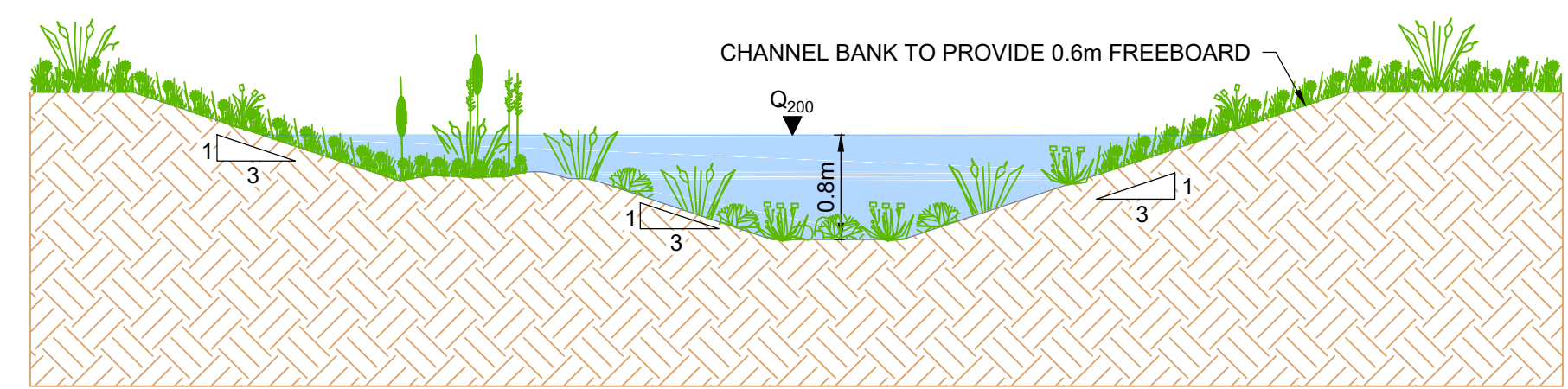


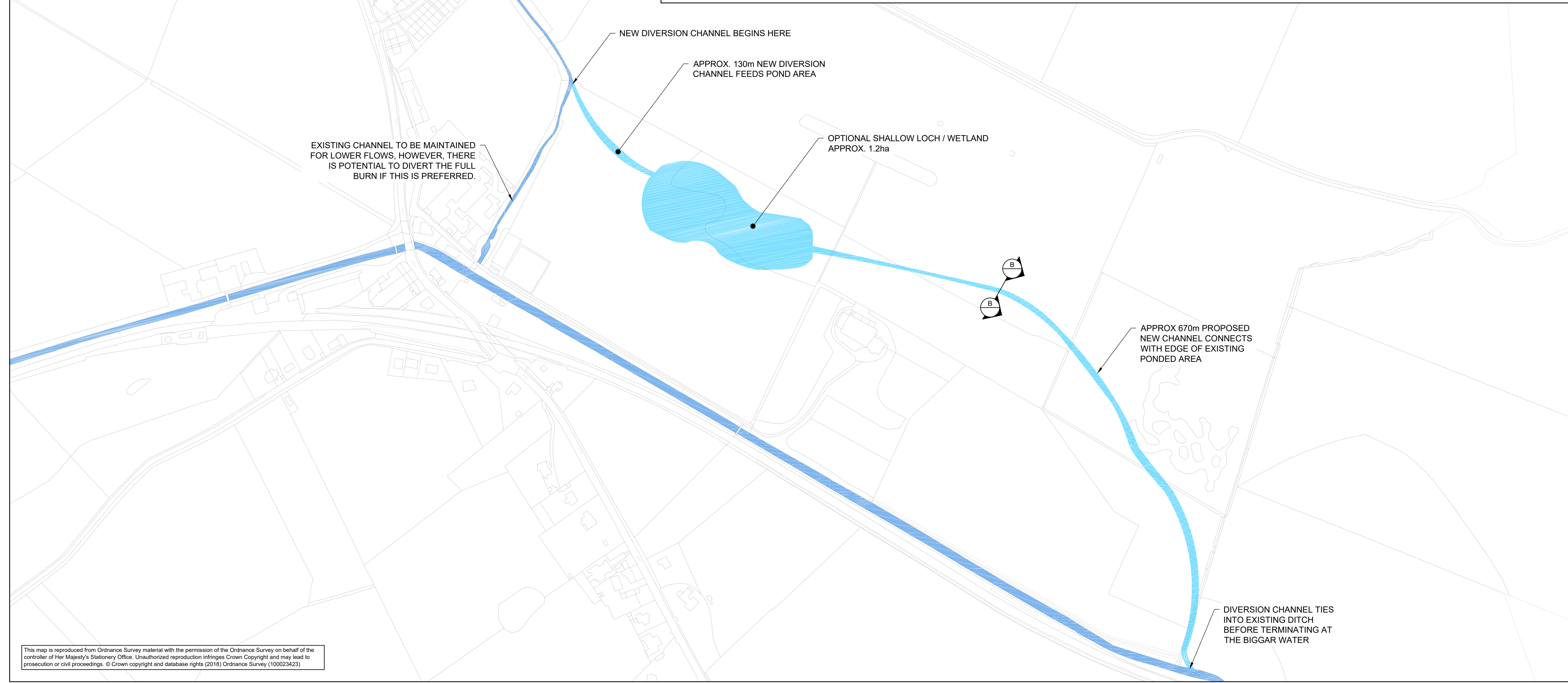
Option 4: Broughton Burn Direct Defences and Diversion Channel



SECTION A-A: BROUGHTON BURN
1:50



SECTION B-B : TYPICAL CROSS SECTION
THROUGH NEW TWO STAGE CHANNEL
1:50



PLAN
1:2500

OPTION SUMMARY. Diversion with Direct Defences. The natural topography would allow for the creation of a diversion channel on the Broughton Burn, from the first bend in the river upstream of Broughton Primary School across the low lying agricultural land and into the Biggar Water downstream of Easter Calzeat House. The swale would be approximately 5m wide by 0.6m deep. This option needs to be carried out in combination with flood walls along the upper reach of the Broughton Burn. New wetlands and community greenspace could be provided alongside a diversion channel.

LEGEND

	WALL DEFENCE
	EXISTING WATERCOURSE
	NEW WATERCOURSE

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	Broughton: Option 4 Broughton Burn 200 Year Direct Defences And Diversion Channel for		
Client			
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Scale	As Shown @ A1	Drawn: A Coad	13/02/18
		Designed: J Garrett	12/02/18
		Checked: A Pettit	12/07/18
		Approved:	
Project Number:	2017s5526		
Drawing Number	AEM-JBAU-BR-BB-JM-C-1400	Revision	P01

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