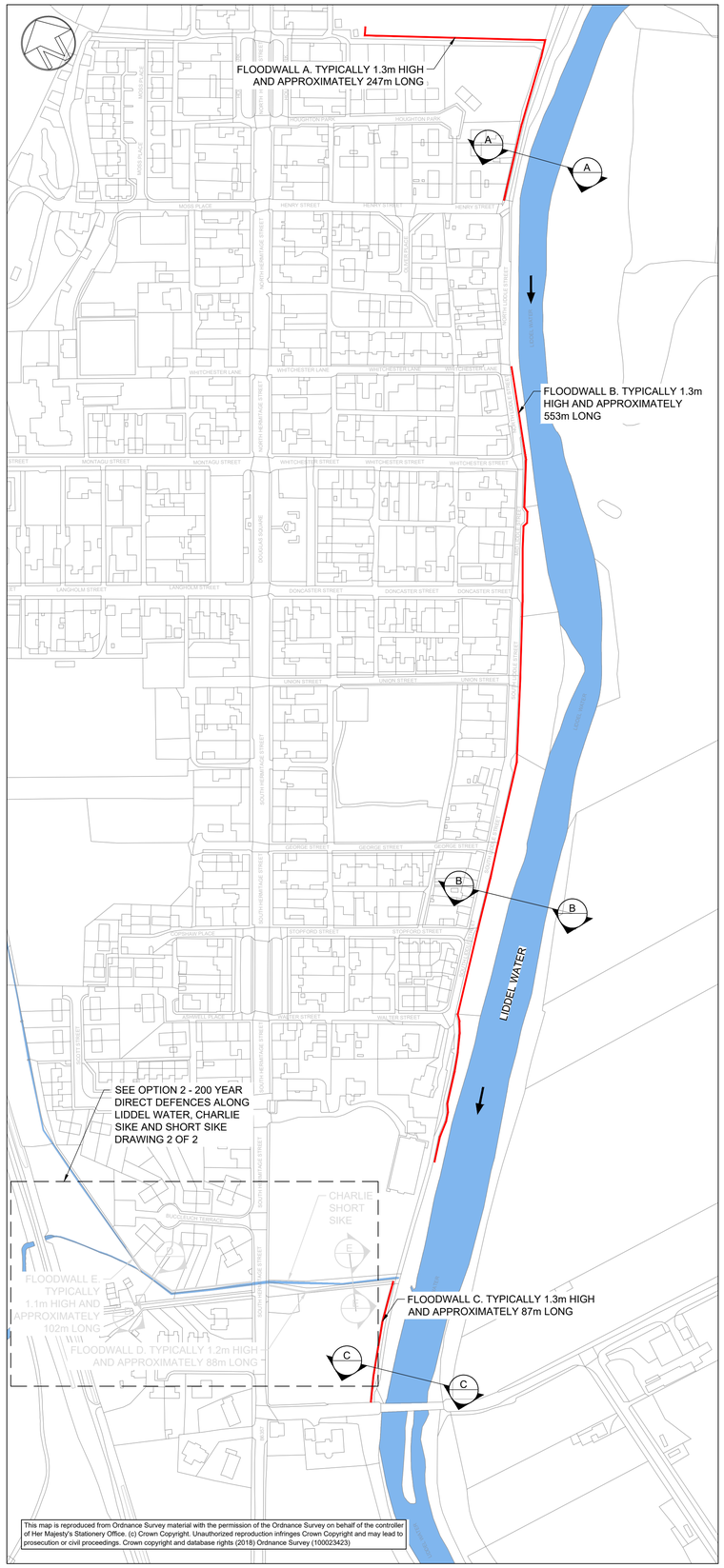
Newcastleton
Option 2: Liddel Water
Suite of flood walls with lower visual impact, but lower standard of protection. Drawing 1 of 2



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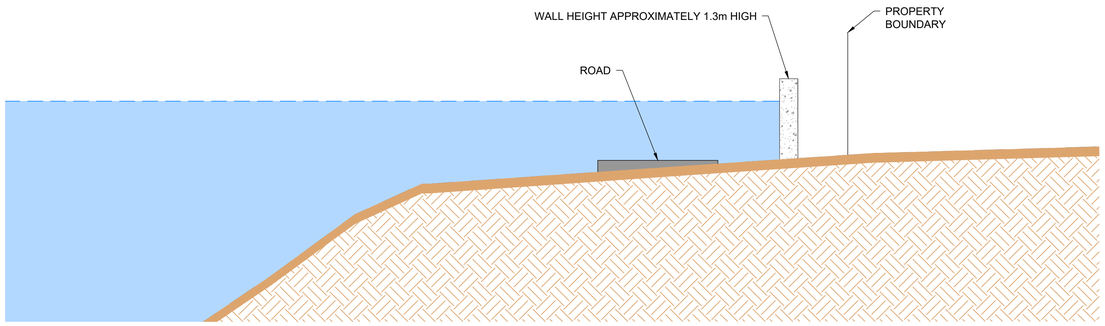
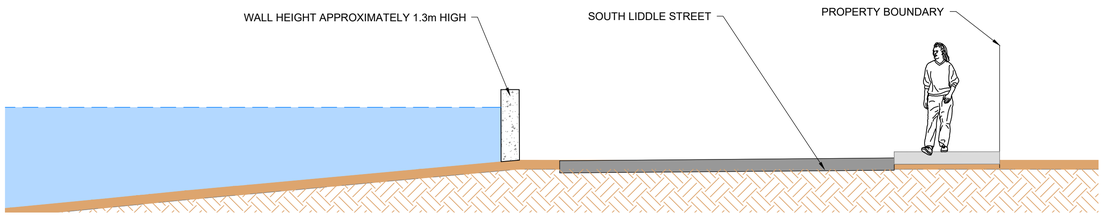
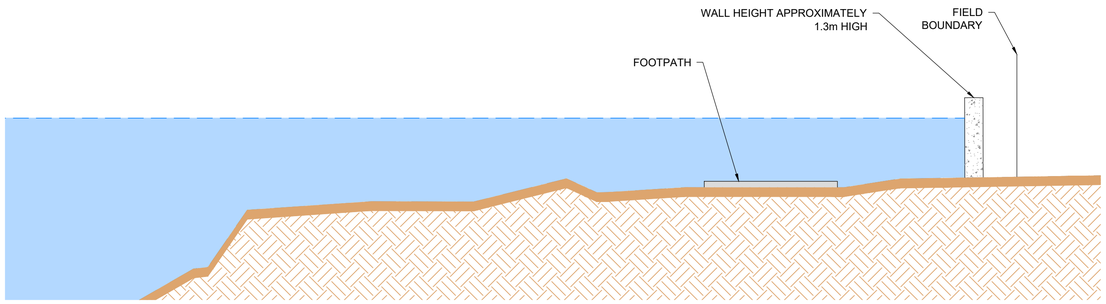
PLAN
1:2000



SECTION A-A
1:50



SECTION B-B
1:50



SECTION C-C
1:50

OPTION 1 SUMMARY. This option aims to provide a high standard of protection through the installation of a number of flood walls in the populated areas of Newcastleton.

The work includes the following: (All walls include a 300mm freeboard)

1. Construct flood wall along rear boundaries of properties along Houghton Park for a distance of approximately 247m, to a maximum height of 100.87mAOD (maximum height of 1.3m).
2. Construct flood wall along N Liddle Street, S Liddle Street and footpath for approximately 553m, to a maximum height of 99.42mAOD (maximum height of 1.3m).
3. Construct flood wall along Liddle Water's west bank between Short Sike confluence and the stone arch bridge for approximately 87m, to a maximum height of 96.92mAOD (maximum height of 1.3m)
4. Construct flood wall along Short Sike's south bank between the Liddel Water and the B6357 for approximately 88m, to a maximum height of 96.96mAOD (maximum height of 1.2m).
5. Construct flood wall along the north bank of Charlies Sike on rear boundaries of properties on Buccleuch Terrace for approximately 102m, to a maximum height of 97.31mAOD (maximum height of 1.1m).

Note - Defence components 4/5 are included in Drawing No. 2 (AEM-JBAU-NC-LW-IM-C-1101)

LEGEND

- WALL DEFENCE
- 200 YEAR WATER LEVEL
- EXISTING WATERCOURSE

Rev.:	Comments / Date	Drawn	Designed	Checked	Approved

Client Approval
- A - Approved
- B - Approved with Revisions
- C - Do Not Use

Purpose of Issue: Suitable for Coordination
Status: S1

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Project
Borders Flood Studies

Title
Newcastleton
Liddel Water: Option 2
New Suite of Direct Defences to Provide 200 year SOP
for

Client
MOTT MACDONALD
Scottish Borders COUNCIL

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Scale			
As Shown @ A1	Drawn:	S. Brandon	27/07/18
	Designed:	M. Mcmillan	22/07/18
	Checked:	A. Pettit	30/07/18
	Approved:		

Project Number: 2017s5526

Drawing Number: AEM-JBAU-NC-CS-IM-C-1100
Revision: P01