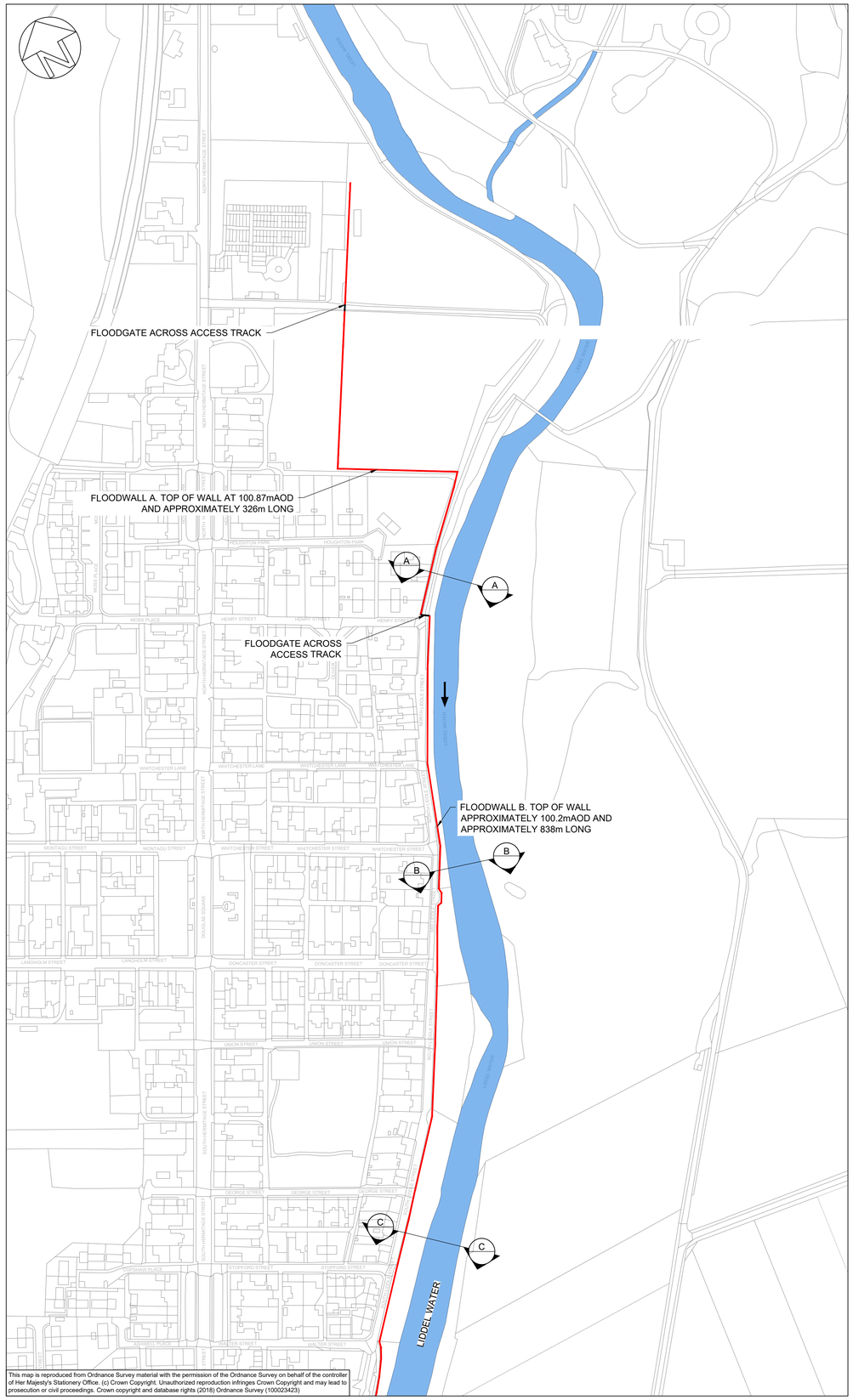
Newcastleton
Option 1: Liddel Water
New suite of flood walls to provide up to a 200 year Standard of Protection.
Drawing 1 of 2



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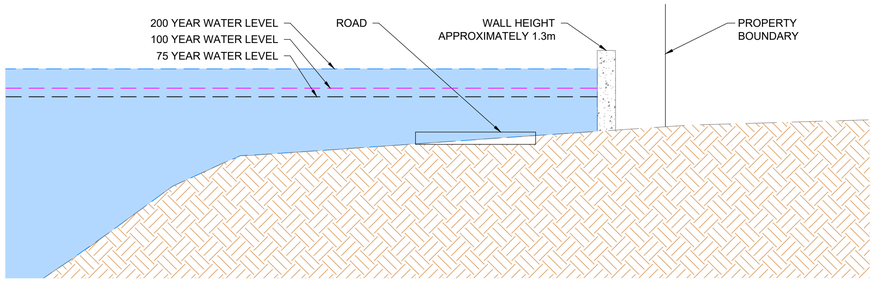
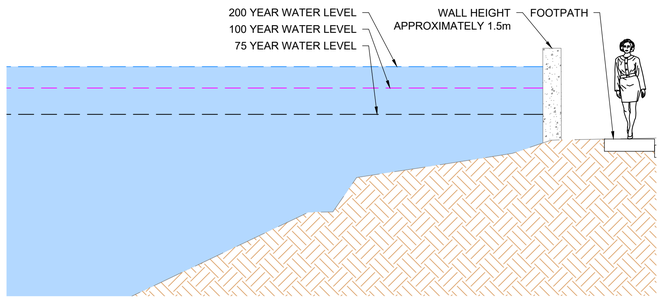
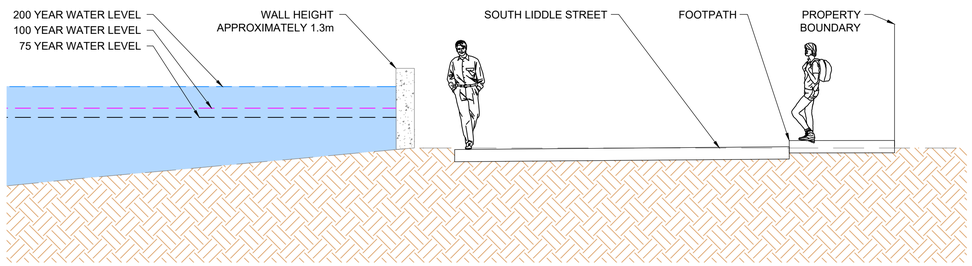
PLAN
1:2000



SECTION A-A



SECTION B-B



SECTION C-C

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 throughout Newcastleton.

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

- Construct flood wall along rear boundaries of properties along Houghton Park for a distance of approximately 326m, to a maximum level of 100.87mAOD (maximum height of 1.3m).
- Installation of two flood gates along access track at the end of North Liddle Street
- Construct flood wall along N Liddle Street, S Liddle Street and footpath until it ties in with parapet on B6357 bridge for approximately 838m, to a maximum level of 100.2mAOD (maximum height of 1.3m).
- Construct flood wall from B6357 along Liddle Water's west bank to the stone arch bridge for approximately 171m, to a maximum level of 97.00mAOD (maximum height of 1.3m)
- Construct flood wall from stone arch bridge along Liddle Water's west bank for approximately 171m, to a maximum level of 96.92mAOD (maximum height of 1.3m)
- Construct flood wall along Charlie Short Sike's south bank from the parapet of the B6357 bridge for approximately 63m, to a maximum level of 97.55mAOD (maximum height of 1.2m).
- Construct flood wall along the north bank of Charlie Short Sike on rear boundaries of properties on Buccleuch Terrace for approximately 243m, to a maximum level of 97.55mAOD (maximum height of 1.1m).

Drawing to be read in conjunction with the following:-

AEM-JBAU-NC-LW-IM-C-1401

LEGEND

WALL DEFENCE

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
Liddle Water: Option 1
New Suite of Direct Defences
for

Client: MOTT MACDONALD / Scottish Borders Council

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Drawn:	S. Brandon	27/07/18
Designed:	M. Mcmillan	22/07/18
Checked:	M. McMillan	12/09/18
Approved:	A. Pettit	13/09/18

Scale: As Shown @ A1

Project Number: 2017s5526

Drawing Number: AEM-JBAU-NC-CS-IM-C-1400

Revision: P01