

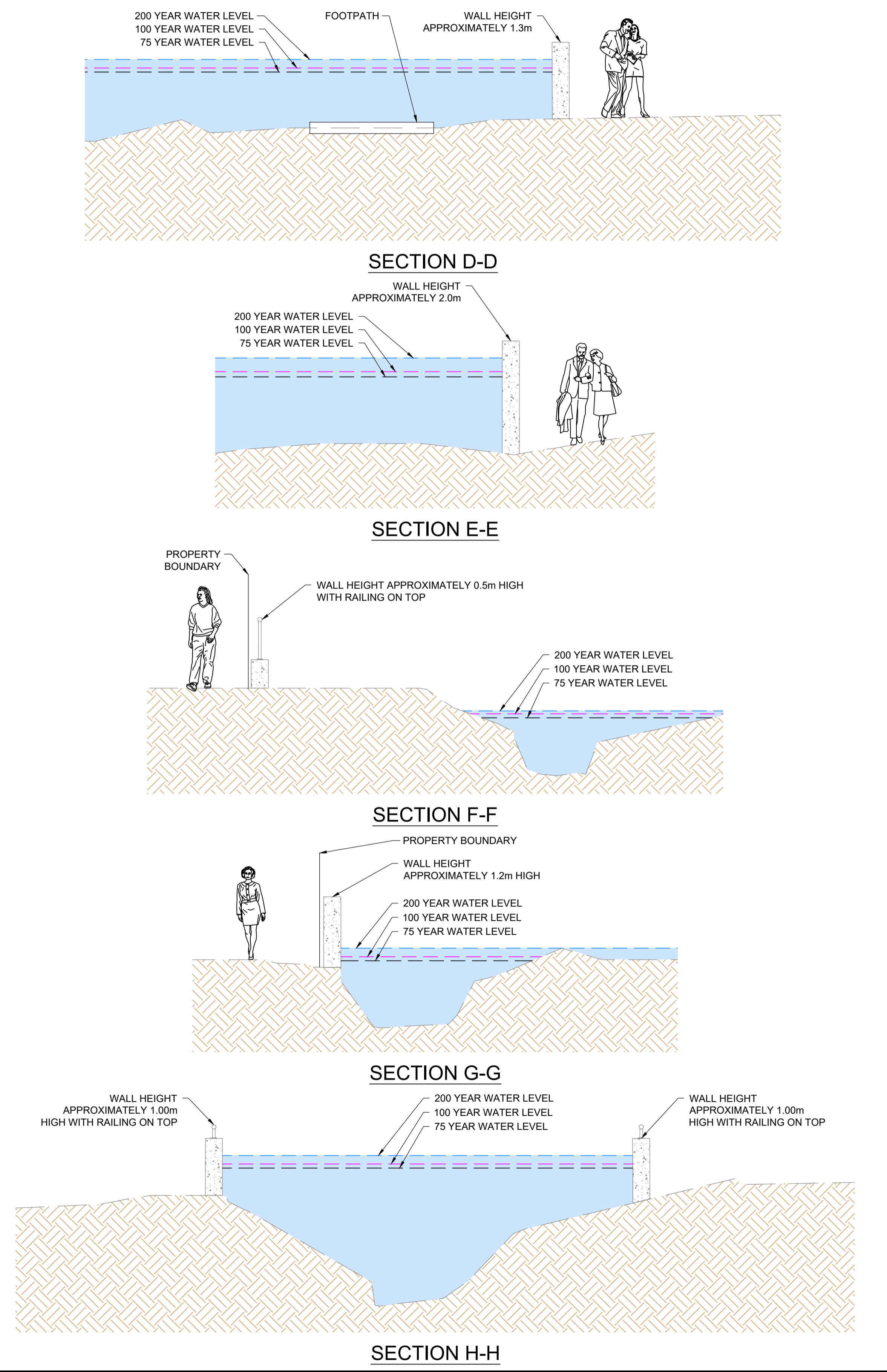
PLAN
1:2000

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Newcastleton

Option 1: Liddel Water

New suite of flood walls to provide up to a 200 year Standard of Protection. Drawing 2 of 2



- 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 100.87m AOD (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 100.2m AOD (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 97.00m AOD (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 96.92m AOD (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 97.55m AOD (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 97.55m AOD (maximum height of 1.1m).
- Drawing to be read in conjunction with the following:-
AEM-JBAU-NC-LW-IM-C-1400

LEGEND

	WALL DEFENCE
	EXISTING 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	Newcastleton Liddel Water: Option 1 New Suite of Direct Defences		
Client	for		

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Scale	As Shown @ A1	Drawn:	S. Brandon	27/07/18	
		Designed:	M. McMillan	22/07/18	
		Checked:	M. McMillan	12/09/18	
		Approved:	A. Pettit	13/09/18	
Project Number:	2017s5526	Drawing Number	AEM-JBAU-NC-CS-IM-C-1400	Revision	P01