

Newcastleton

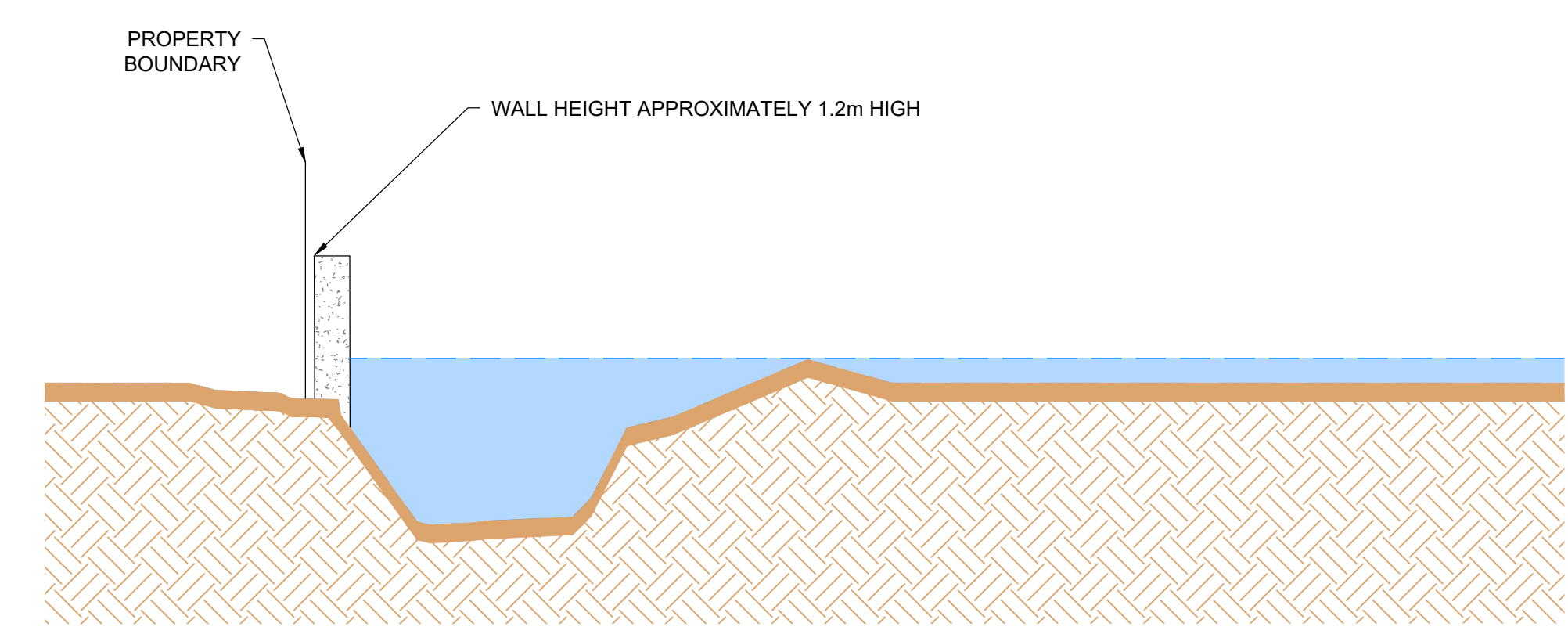
Option 2: Liddel Water

Suite of flood walls with lower visual impact, but lower standard of protection. Drawing 2 of 2

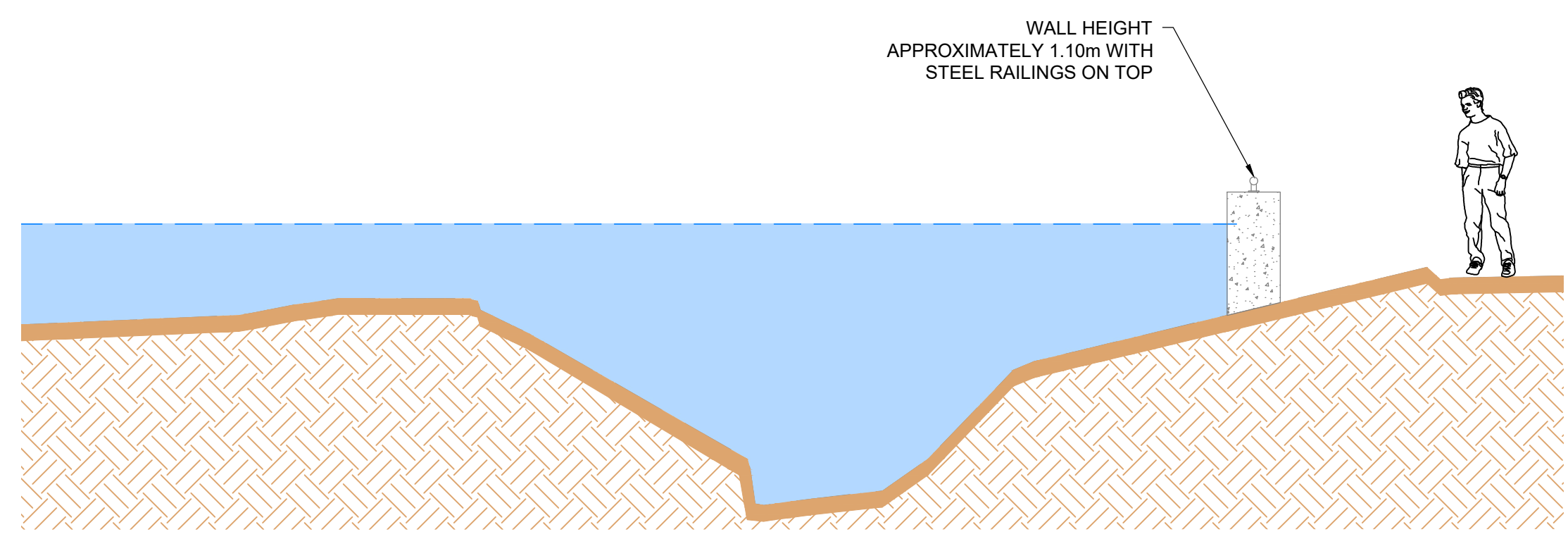


PLAN
1:2000

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SECTION D-D
1:50



SECTION E-E
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 100.87m AOD (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 99.42m AOD (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 96.92m AOD (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 96.96m AOD (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 97.31m AOD (maximum height of 1.1m).
- Note - Defence components 1-3 are included in Drawing No. 1 (AEM-JBAU-NC-LW-IM-C-1100)

LEGEND

	WALL DEFENCE
	200 YEAR WATER LEVEL
	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 2
New Suite of Direct Defences to Provide 200 year SoP

Client
MOTT MACDONALD
Scottish Borders COUNCIL

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		Designed:	M. Mcmillan	22/07/18
		Checked:	A. Pettit	30/07/18
		Approved:		
Project Number:	2017s5526	Drawing Number	AEM-JBAU-NC-CS-IM-C-1101	Revision
				P01