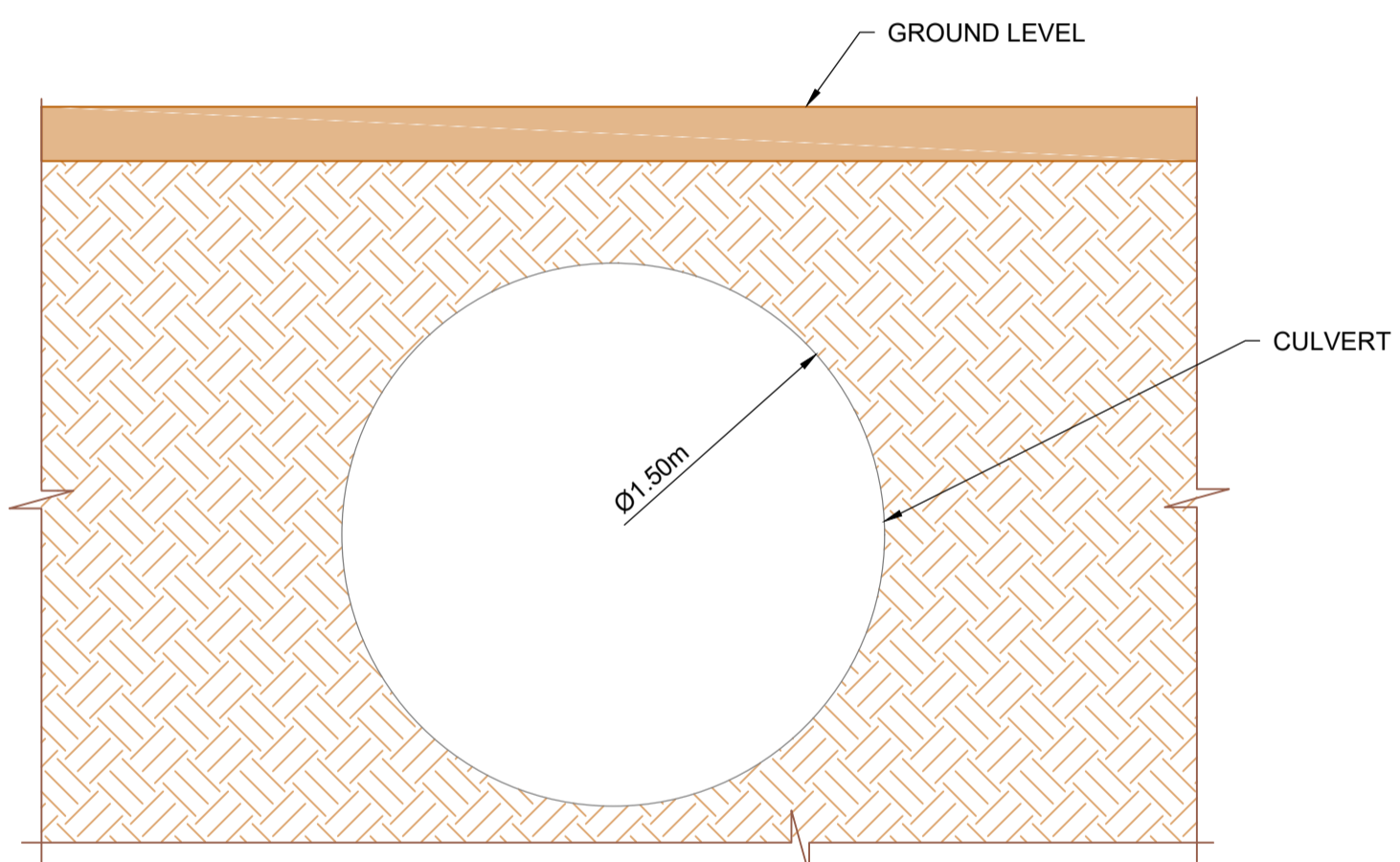


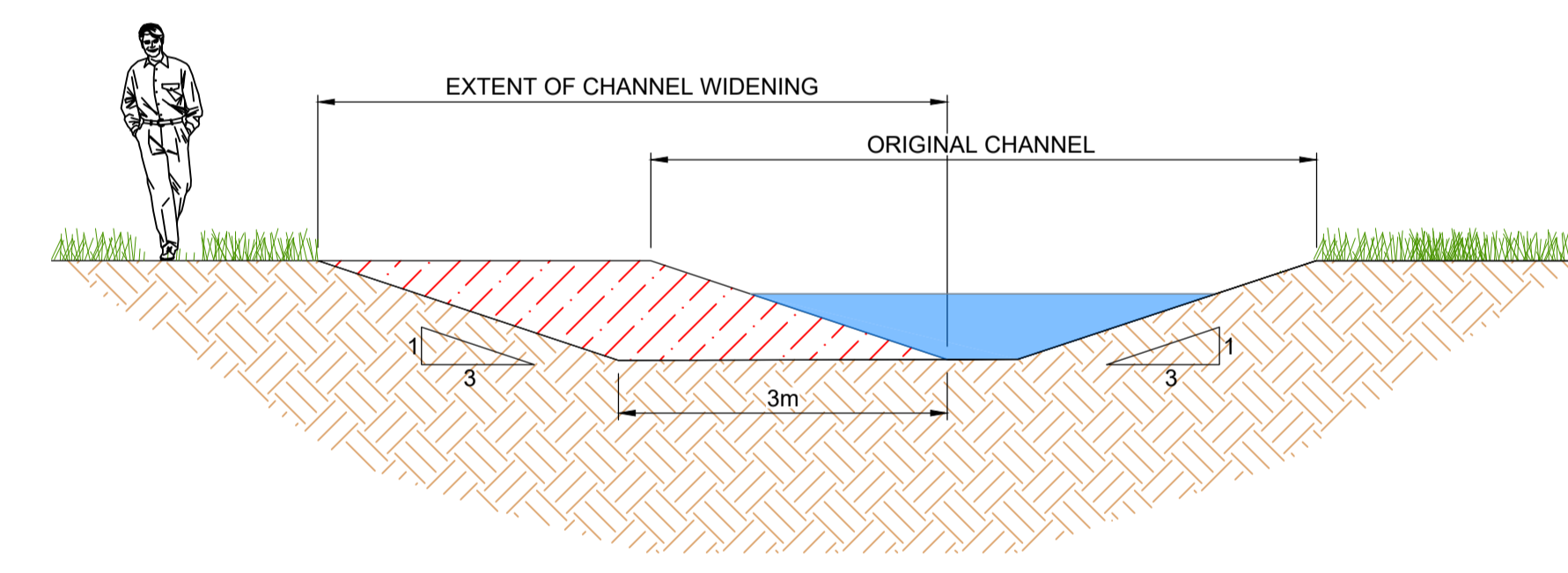
OPTION SUMMARY: Upgrade of diversion channel culvert and Edderston Burn culvert with reprofiled channels upstream to improve inlet conveyance. Culverts have been sized to cater for the 200 year plus climate change event with at least a 300mm barrel clearance to soffit. The diversion channel culvert currently runs under a housing estate, as part of the culvert upgrade the culvert will be laid along a new path as shown in purple. The residual flood risk is mitigated by deepening of the channels upstream of each culvert. Options to meander the diversion channel could also provide wider aesthetic and environmental benefits.

- LEGEND**
- EXISTING GROUND
 - NEW CULVERT
 - ABANDONED CULVERT
 - EXISTING WATERCOURSE
 - OPEN CHANNEL WIDENING
 - EXCAVATED AREA

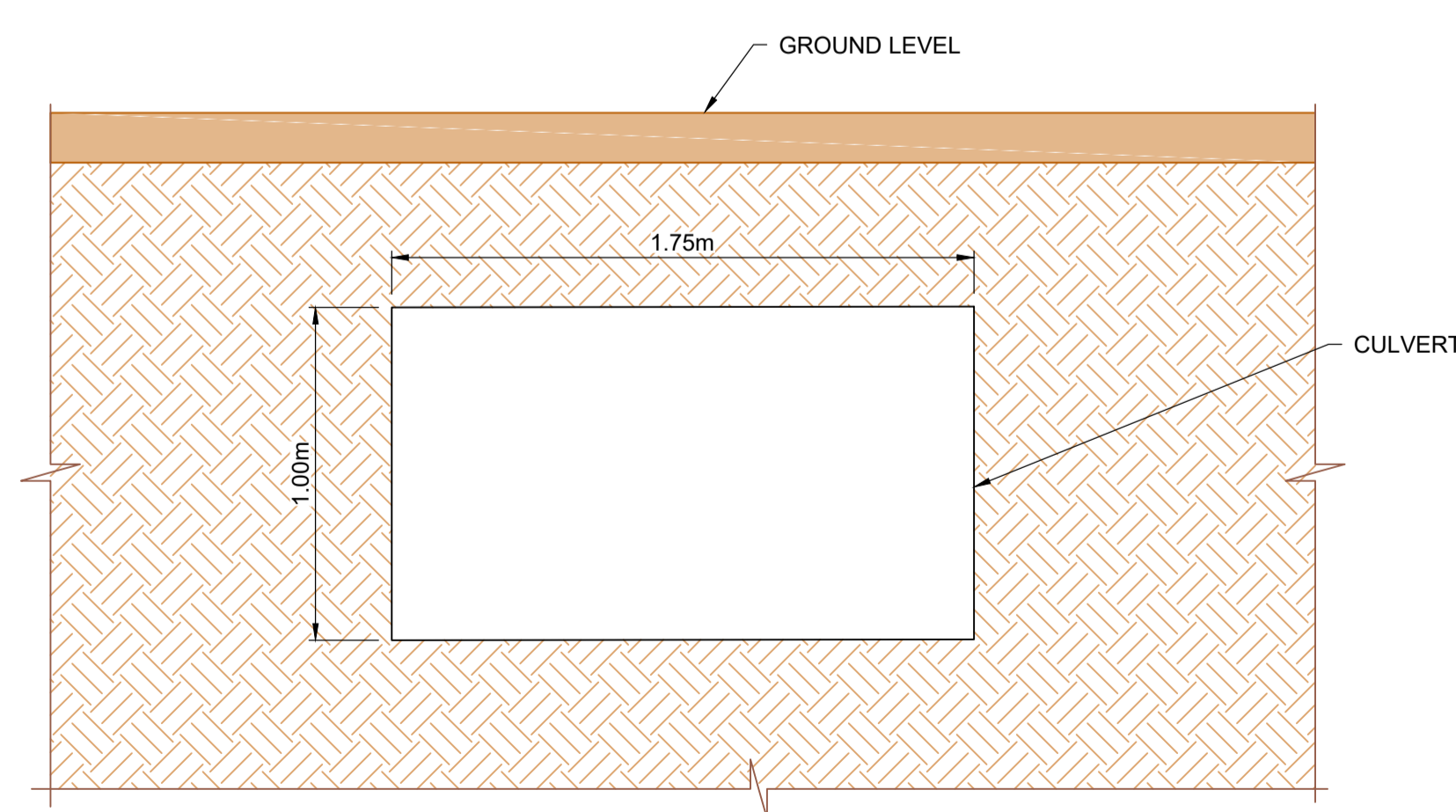
PLAN
1:2500



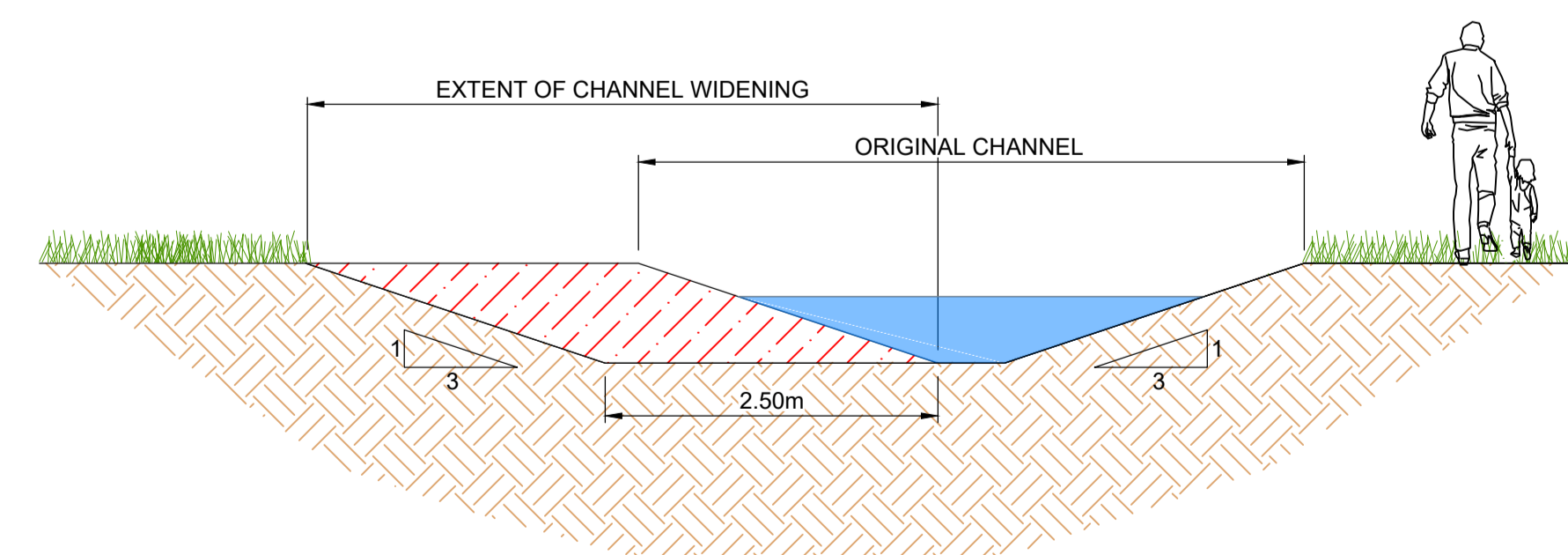
SECTION A-A
DIVERSION CULVERT TYPICAL SECTION
 1:20



SECTION C-C
INDICATIVE CHANNEL WIDENING SECTION THROUGH DIVERSION CHANNEL
 1:50



SECTION B-B
EDDERSTON BURN TYPICAL BOX CULVERT SECTION
 1:20



SECTION D-D
INDICATIVE CHANNEL WIDENING SECTION THROUGH EDDERSTON BURN
 1:50

Comments						
Rev.:	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
 Peebles
 Edderston Burn: Option 3B 200 Year
 Culvert upgrade and channel widening
 for

Client

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Scale As Shown @ A1	Drawn: A Coad 13/02/18
	Designed: B Bedford 12/02/18
	Checked: A Pettit 17/07/18
	Approved:

Project Number: 2017s5526	Revision
Drawing Number AEM-JBAU-PB-EB-IM-C-1305	P02