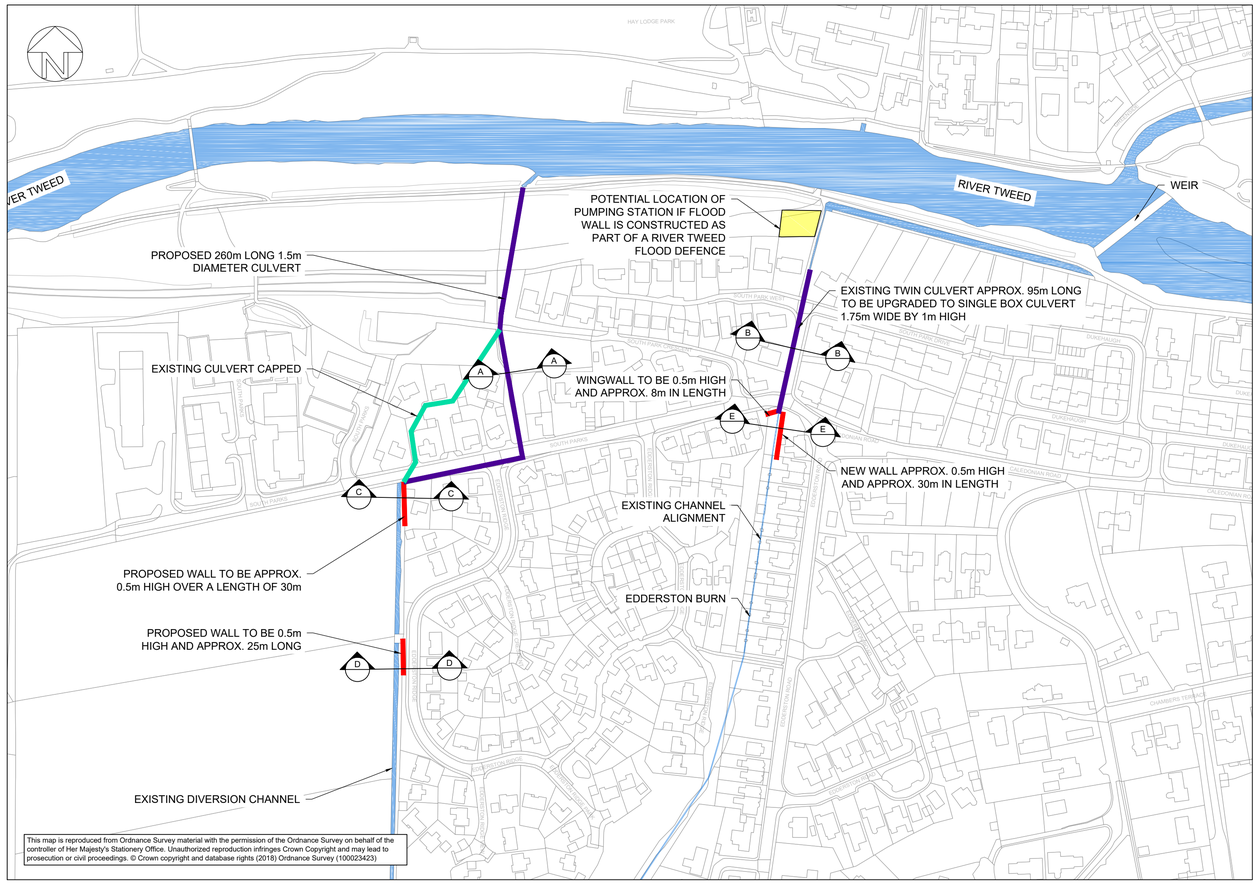
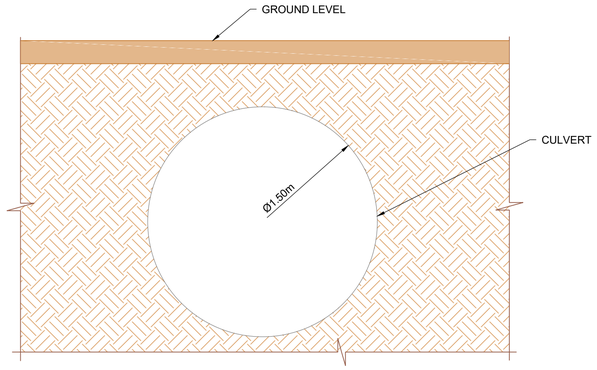
Peebles
Option 3C: South Parks
200 Year Standard of Protection Culvert Upgrade With Direct Defences

OPTION SUMMERY: Upgrade of diversion channel culvert and Edderston Burn culvert with flood walls 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.

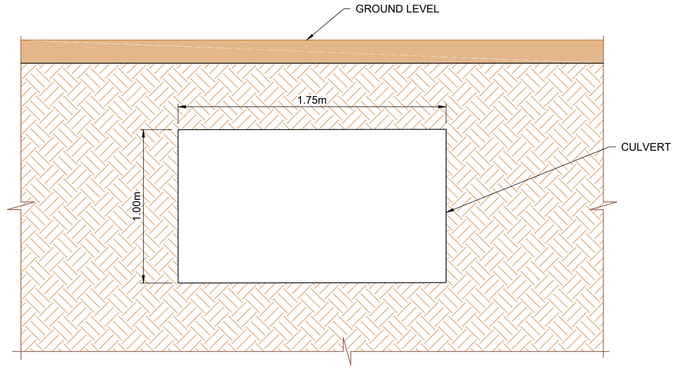
Note: While section data shows the water level is contained, low points between the sections allow out of bank flooding in the absence of a wall.



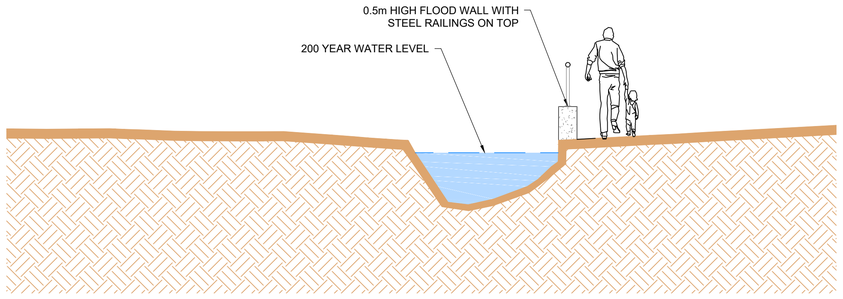
PLAN
1:2000



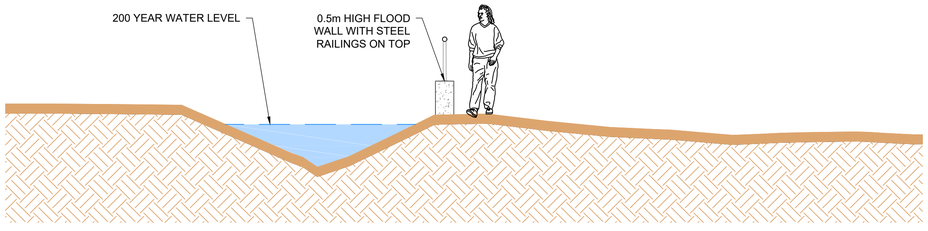
SECTION A-A
DIVERSION CULVERT TYPICAL SECTION
1:20



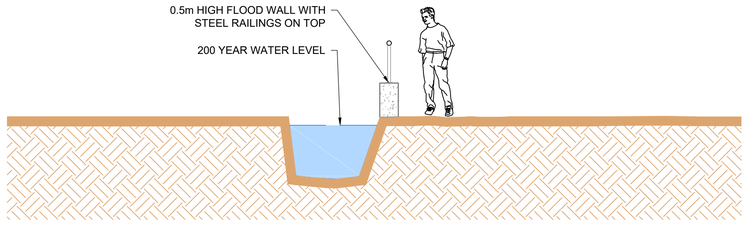
SECTION B-B
EDDERSTON BURN TYPICAL BOX CULVERT SECTION
1:20



SECTION C-C
1:50



SECTION D-D
1:50



SECTION E-E
1:50

LEGEND
- EXISTING GROUND
- 200 YEAR WATER LEVEL
- NEW CULVERT
- ABANDONED CULVERT
- 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: Peebles
Edderston Burn: Option 3C 200 Year SoP
Direct defences with culvert upgrade
for

Client: Mott MacDonald; Scottish Borders Council

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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

Drawing Number: AEM-JBAU-PB-EB-IM-C-1306

Revision: P03