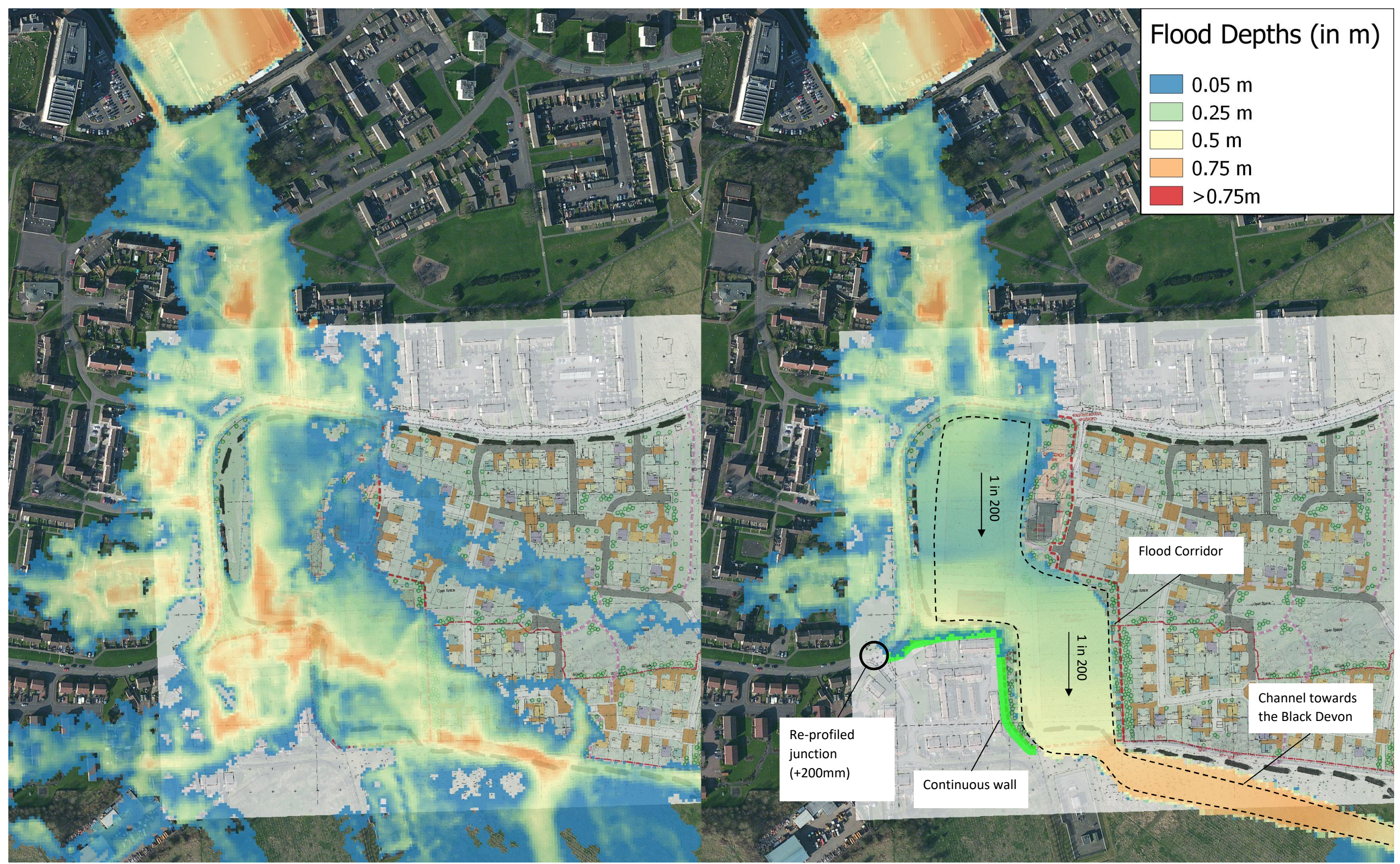



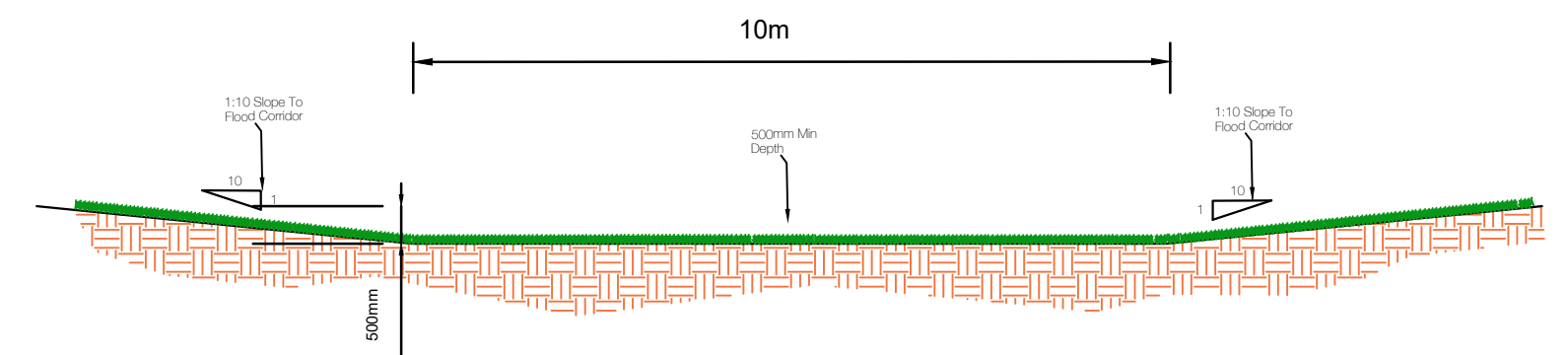
Figure 1: Bothie Burn 100% blockage Scenario, predicted flood depths through the area of the Masterplan, existing conditions (left) and proposed mitigation (right)



Appendix D

Culvert Blockage Overland Flood Flow Routing

Notes:
 Denotes Proposed 1:200 Year
 Overland Flow Path



TYPICAL SECTION THROUGH FLOOD CORRIDOR
 SCALE 1:100

Existing Culvert & Combined
 Sewer. Levels Need to Be
 Confirmed Prior To Defining
 Final Rugby Pitch Levels.

Phase 1b

SPEED TABLE INTRODUCED
 ON FORTH CRESCENT TO
 RE-ROUTE OVERLAND
 FLOWS TOWARDS FLOOD
 CORRIDOR.

FFL
 6.50m

1m HIGH FLOOD DEFENSE
 BUND TO PROTECT EXISTING
 PROPERTIES FROM
 OVERLAND FLOWS.

Phase 1b

Existing Rugby Pitches
 Relocated & Lowered To Act As
 Overland Flow Route In The
 1:200 Year Storm Event.

Rev.	Revision details:	By:	Checked:
D	SITE LAYOUT UPDATED TO SUIT ARCHITECTS REVISED REV G SITE PLAN.	S.P.	P.R.
		15.03.21	15.03.21
Client:	ALLANWATER DEVELOPMENTS LTD		
Project:	ALLOA PARK PHASE 9		
Drawing Title:	OVERLAND FLOW ROUTE SHEET 1 of 2		
Drawn:	SP	Checked:	PR
Date:	05.08.20	Date:	05.08.20
Scale:	1:500 @A1	Dwg. No.:	20113-SK-01
Dwg Status:	INFORMATION	Print:	COLOUR
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