

Figures regarding floodplain compensation storage areas

Following a meeting between Mrs Callaway, Mr Southon and Mr Patmore on 24th August 2021 it was observed that the ground elevations for the proposed potential floodplain storage compensation areas presented in in WSP report OBJ-1002-CP-7 were example spot levels and did not show the full range of ground elevations within the areas.

It was observed that there exists a greater range in maximum and minimum ground elevation for each site as presented in the final table of INQ/150.

It was proposed that Capita should prepare a series of maps and transects showing the minimum and maximum ground elevations (from LIDAR) across the available sites and plot the 1% AEP with 45% and 105% climate change allowance maximum flood levels for each location.

The figures below are for reference but were not subject to agreement at the above reference meeting.

The Figures have been provided to Mr Patmore on 28th of August 2021.

Jack Southon

1% AEP with 105% climate change allowance
Maximum Flood Level: 12.65 mAOD

Min: 9.3

Max: 15.42

0 0.025 0.05 km

Legend

- Elevation
- Transect
- Area 1

LIDAR Ground Levels mAOD

- 7.9
- 9.66
- 11.4
- 13.2
- 14.9
- 16.7
- 18.4
- 20.2

Purpose of Issue
S2 - Issued for Information

Classification
Commercial in Confidence

Client
Rother Valley Railway LTD

Project
Rother Valley Railway
Public Inquiry

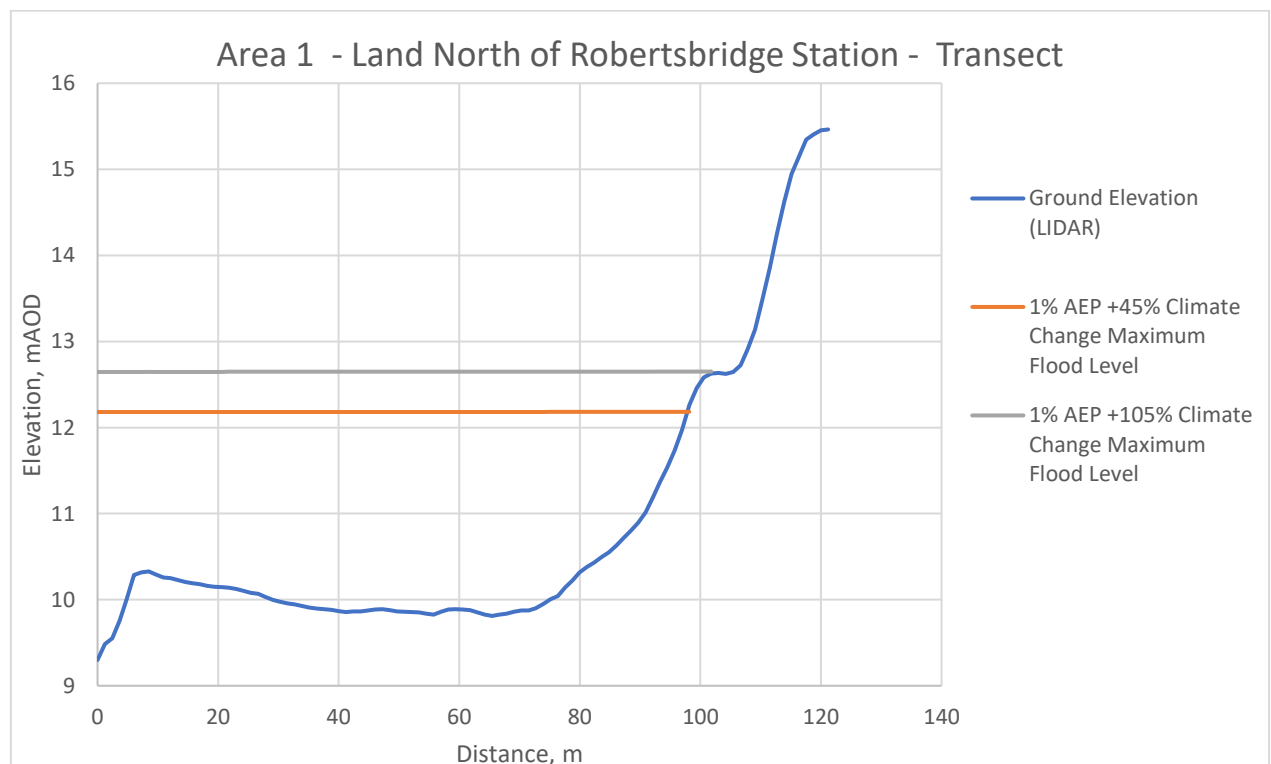
Drawing
Area 1 Compensatory Storage with
Elevation

Scale at A3	Drawn	Checked	Approved
1:8000	JJP	SC	SC
Project No	Date		
CS131055	27/8/2021		
Drawing Identifier	Revision		
	POL		

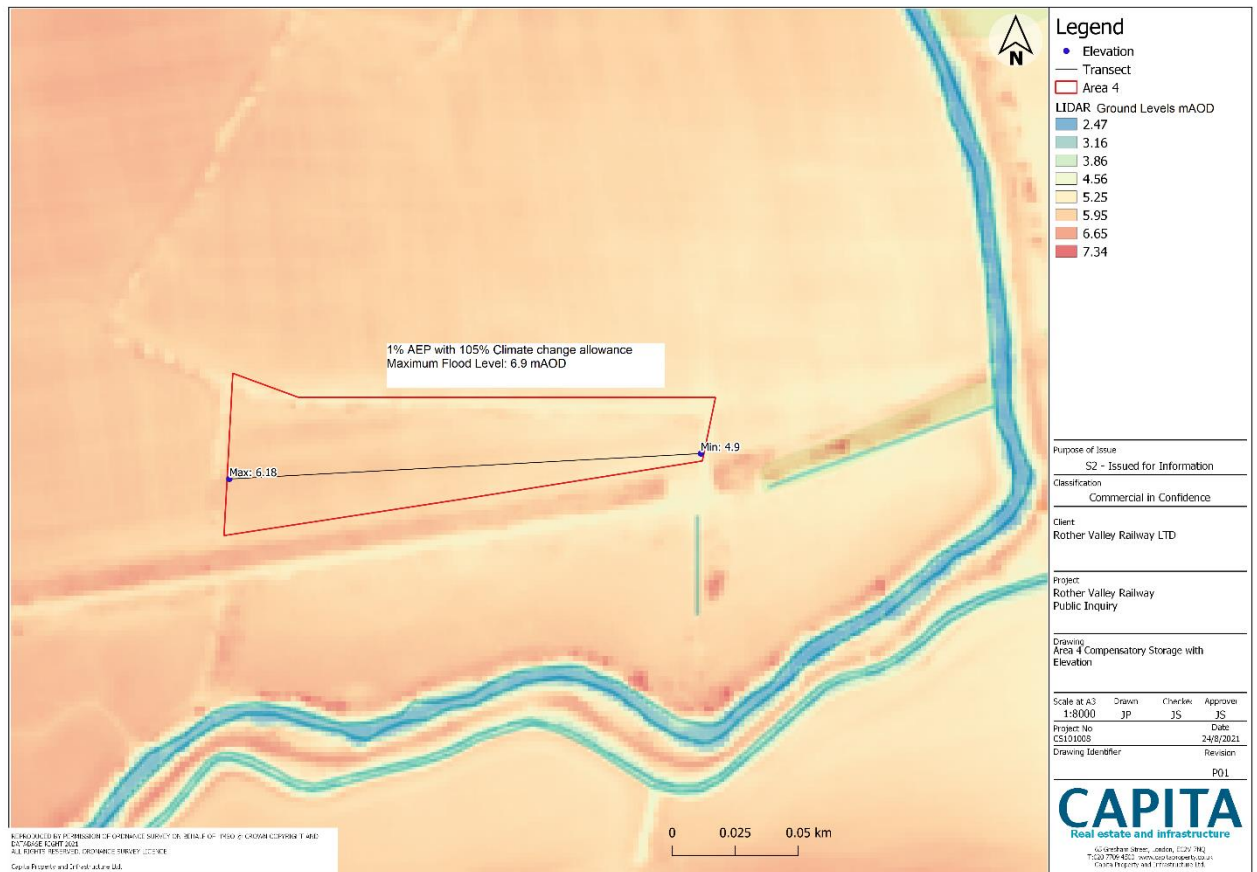
CAPITA
Real estate and infrastructure

Colindale Avenue, London, E20 1HQ
T: 020 7744 4000 www.capita-consultancy.co.uk
Planning, Property and Infrastructure Unit

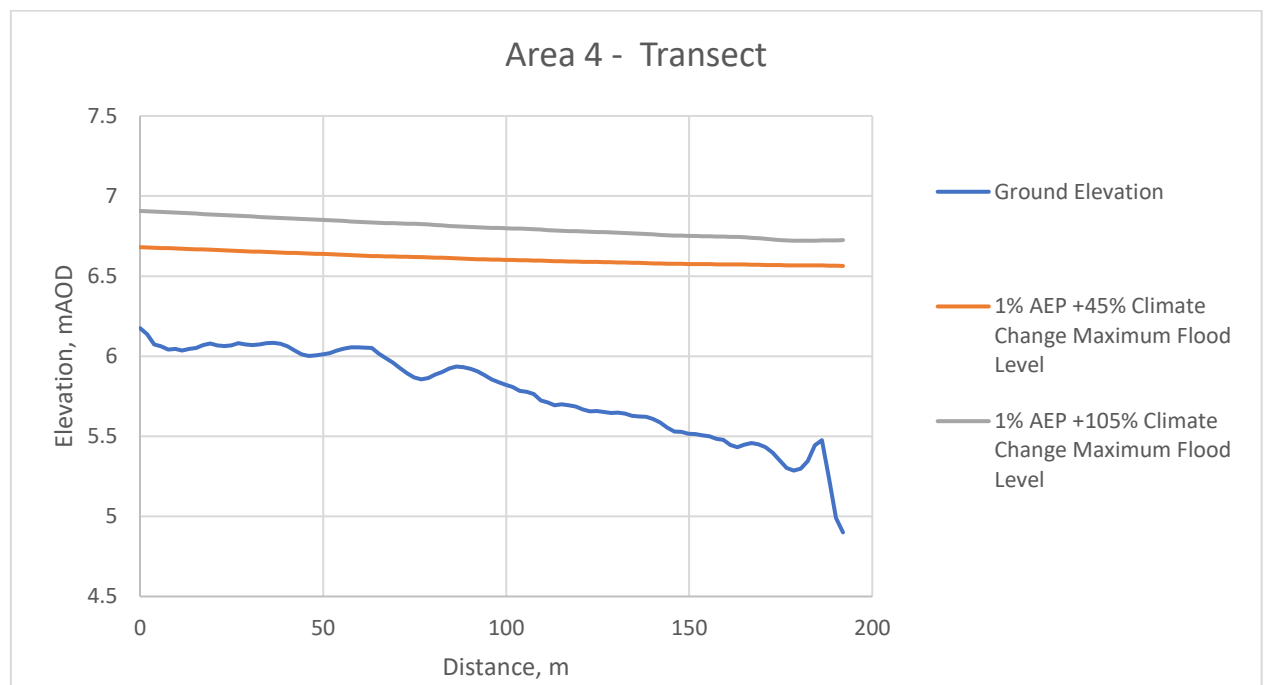
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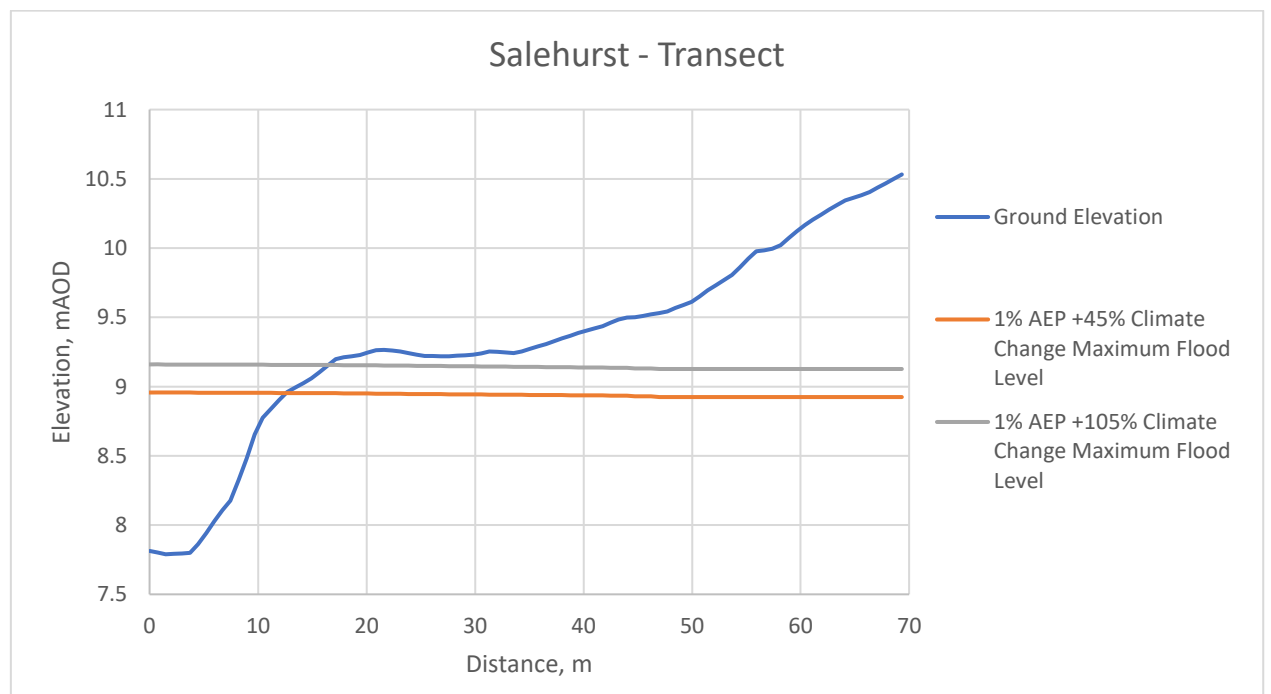


Area 4

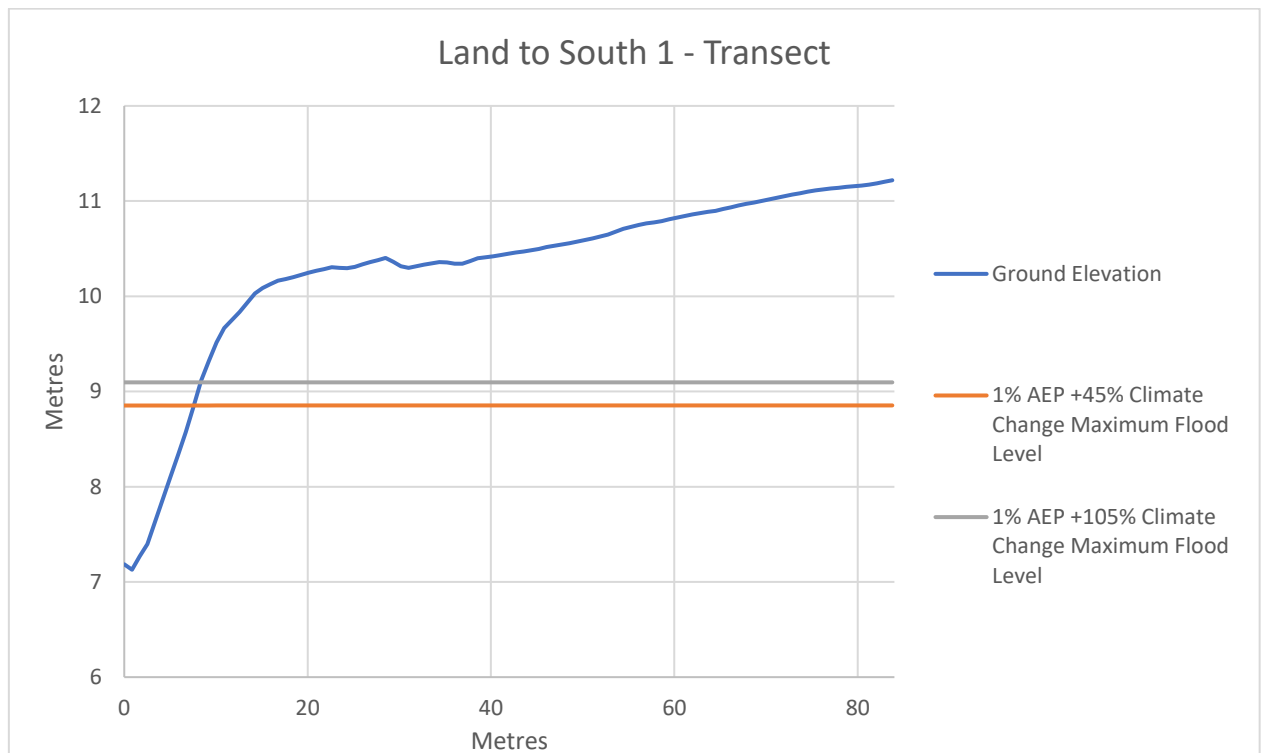
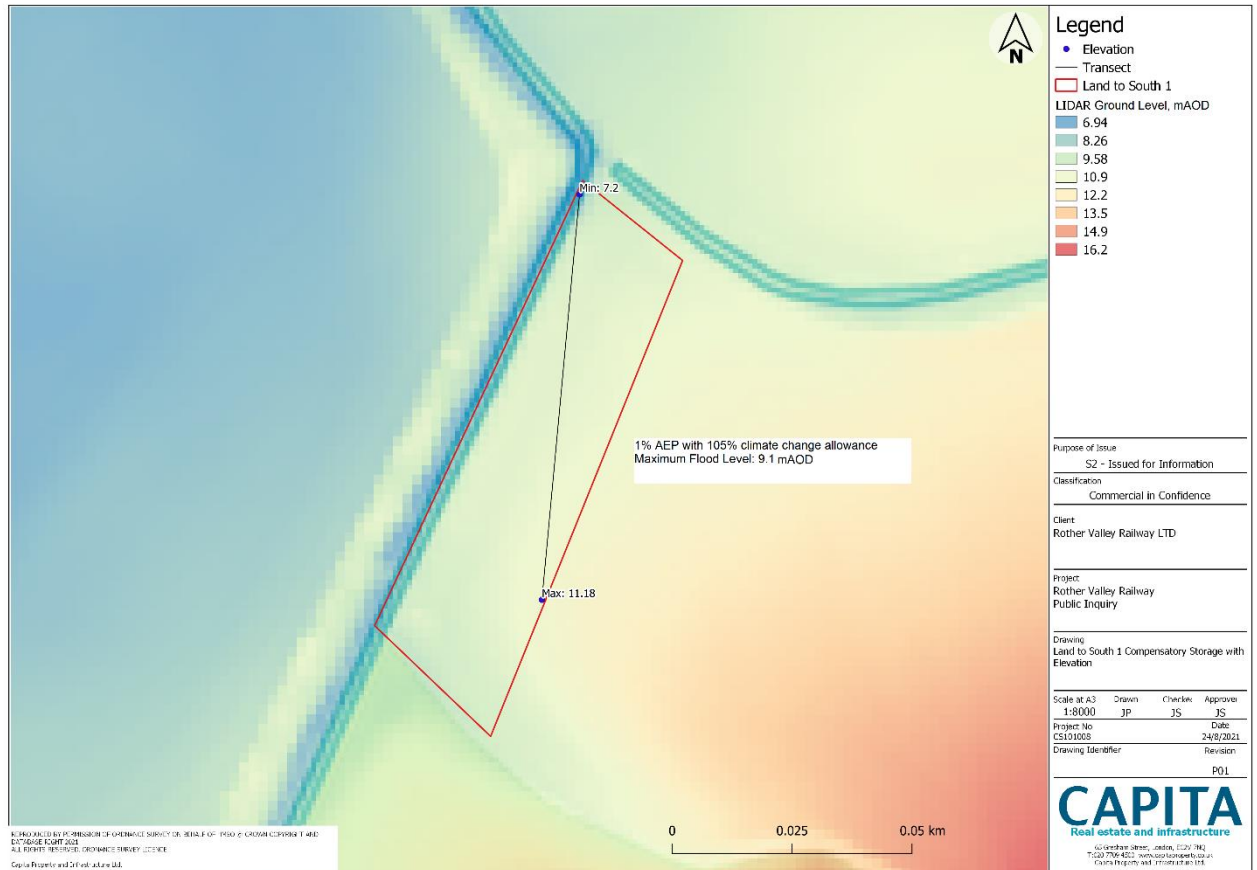


Area 4 - Transect

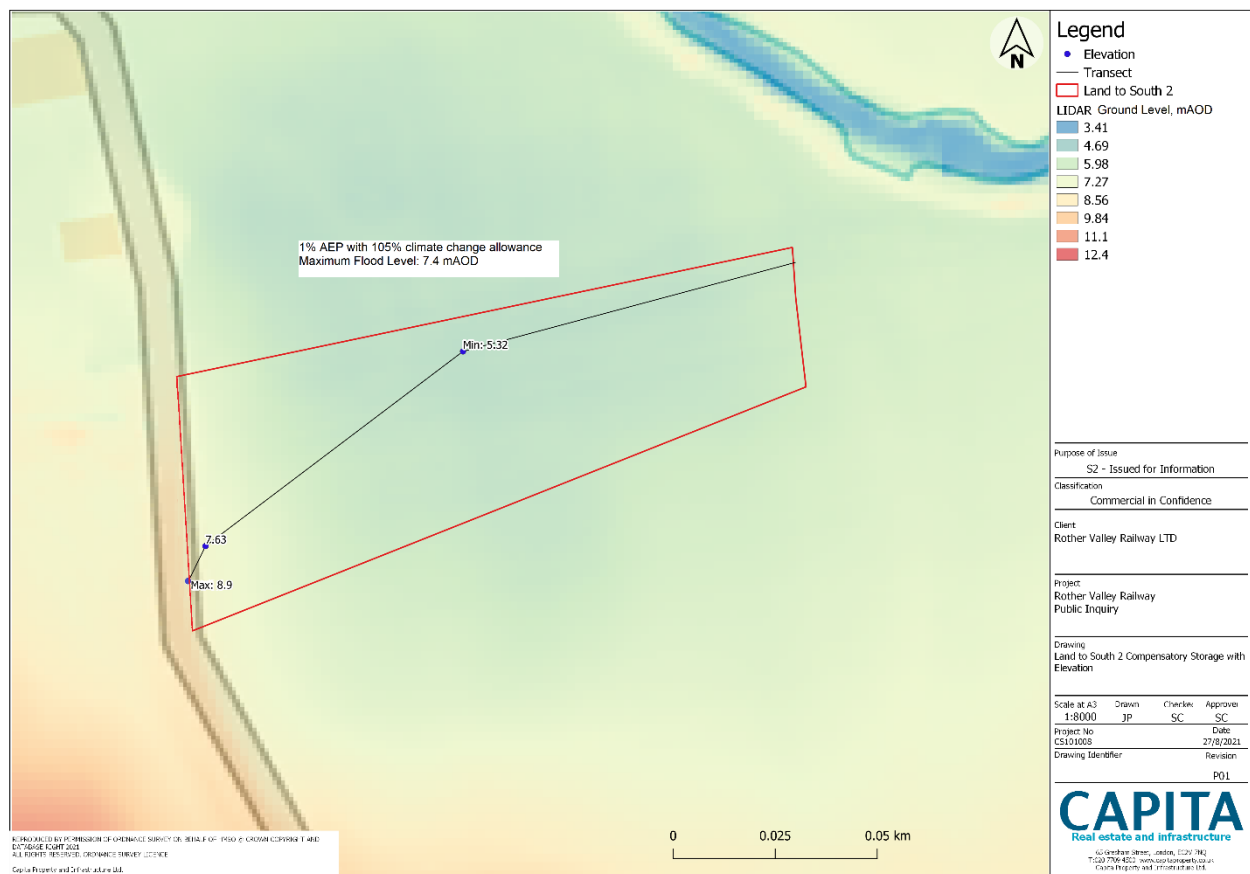


[illegible]

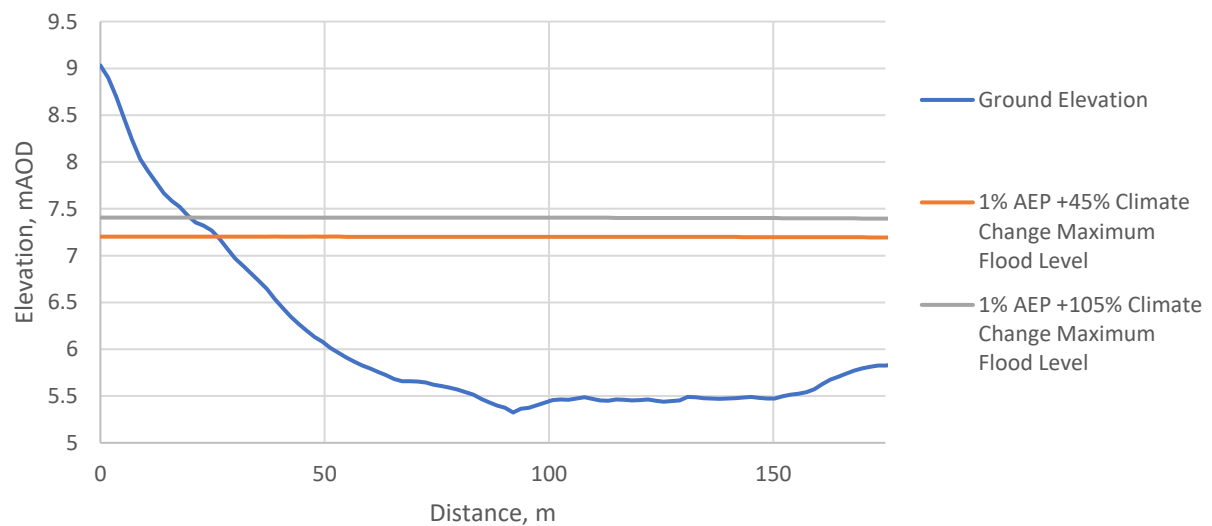
Land to the South 1



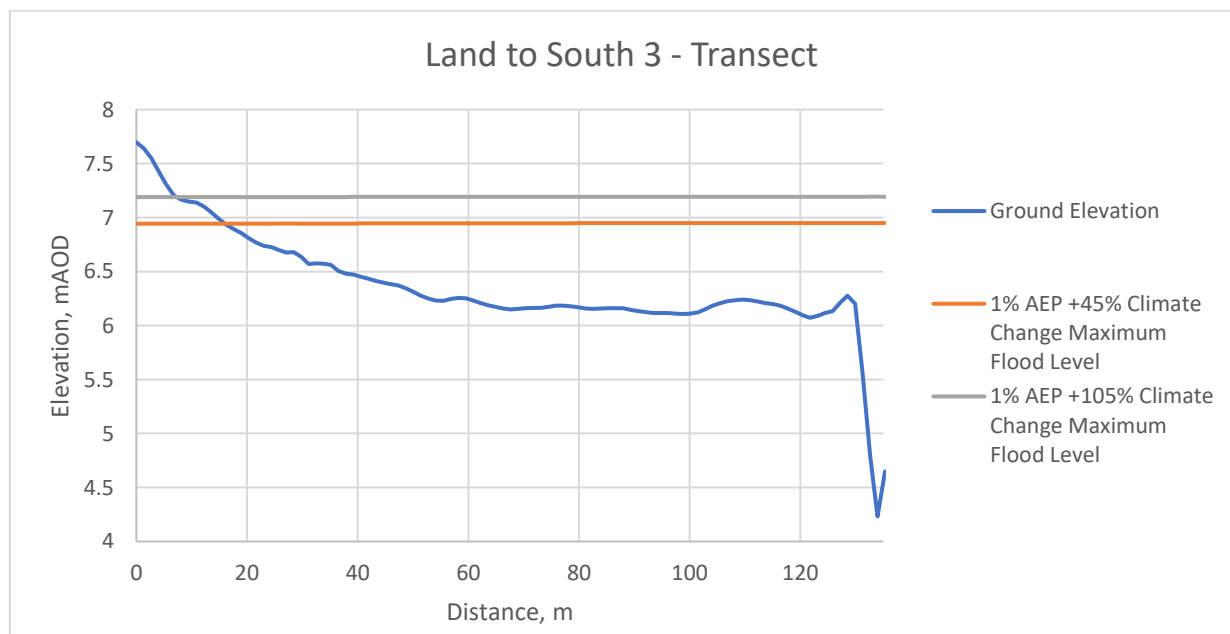
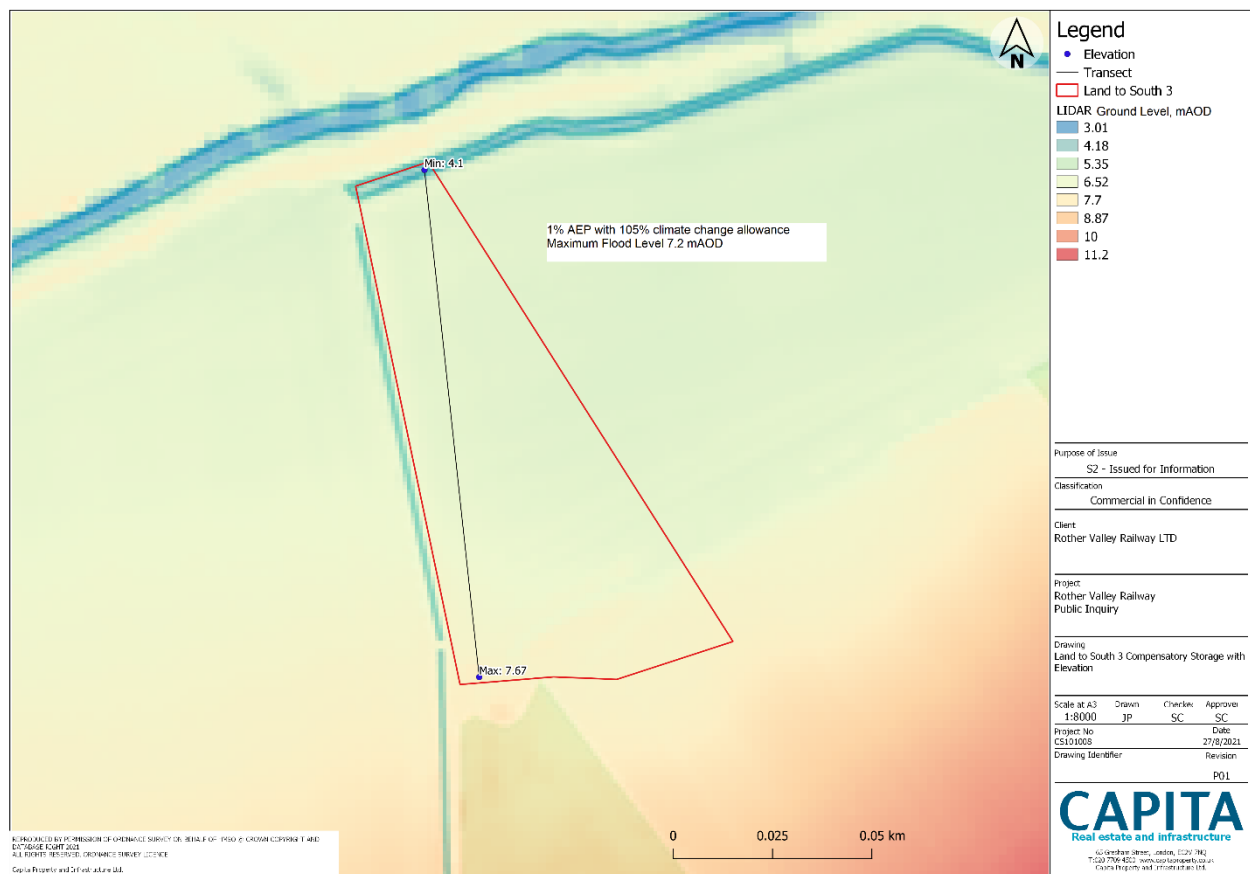
Land to the South 2



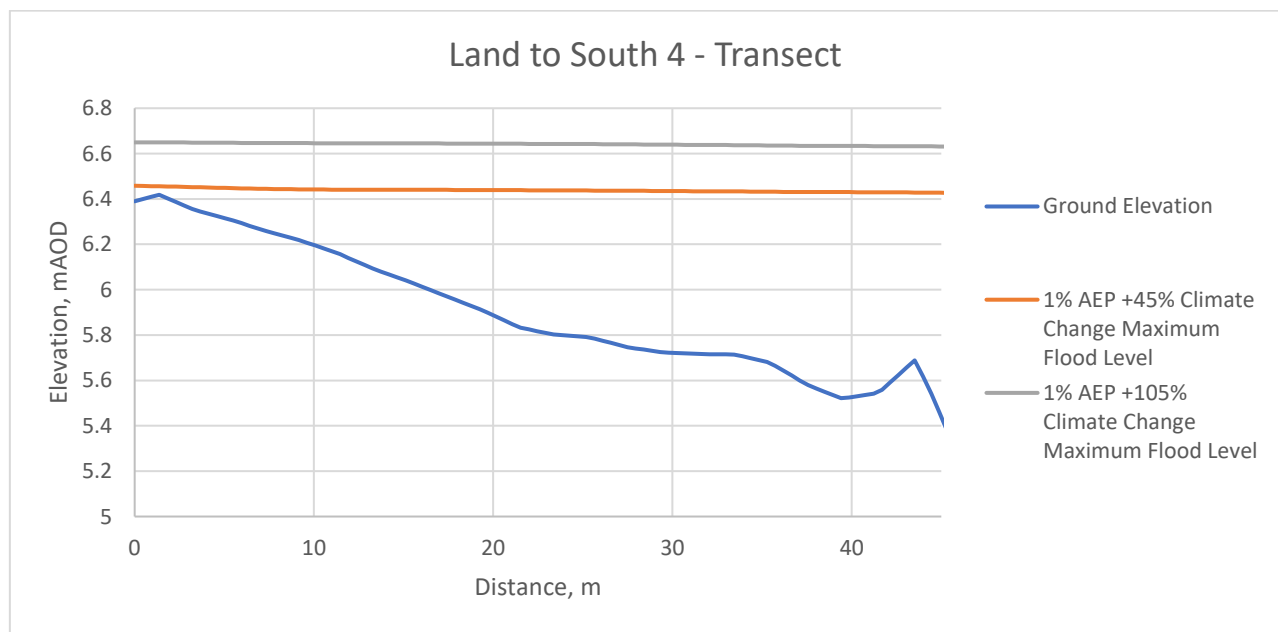
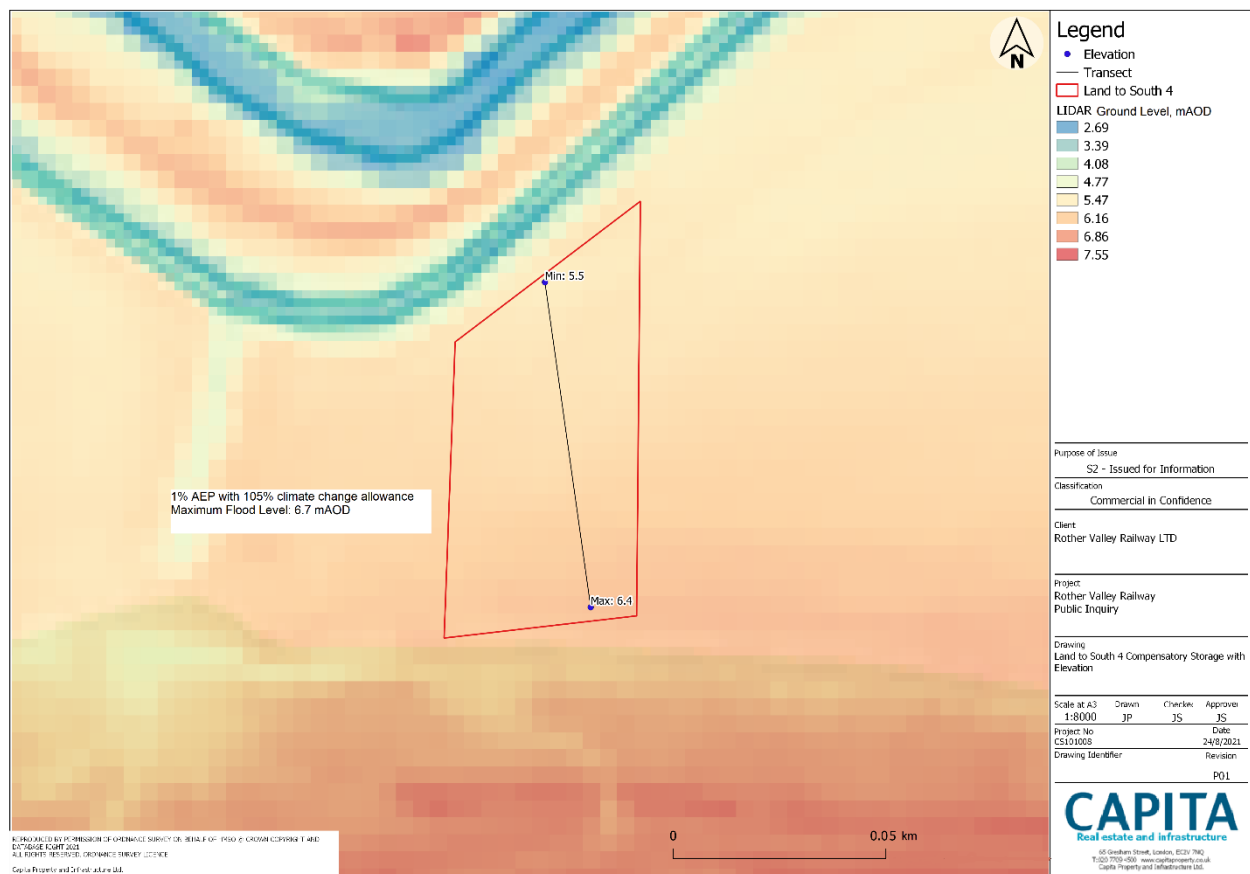
Land to South 2 - Transect



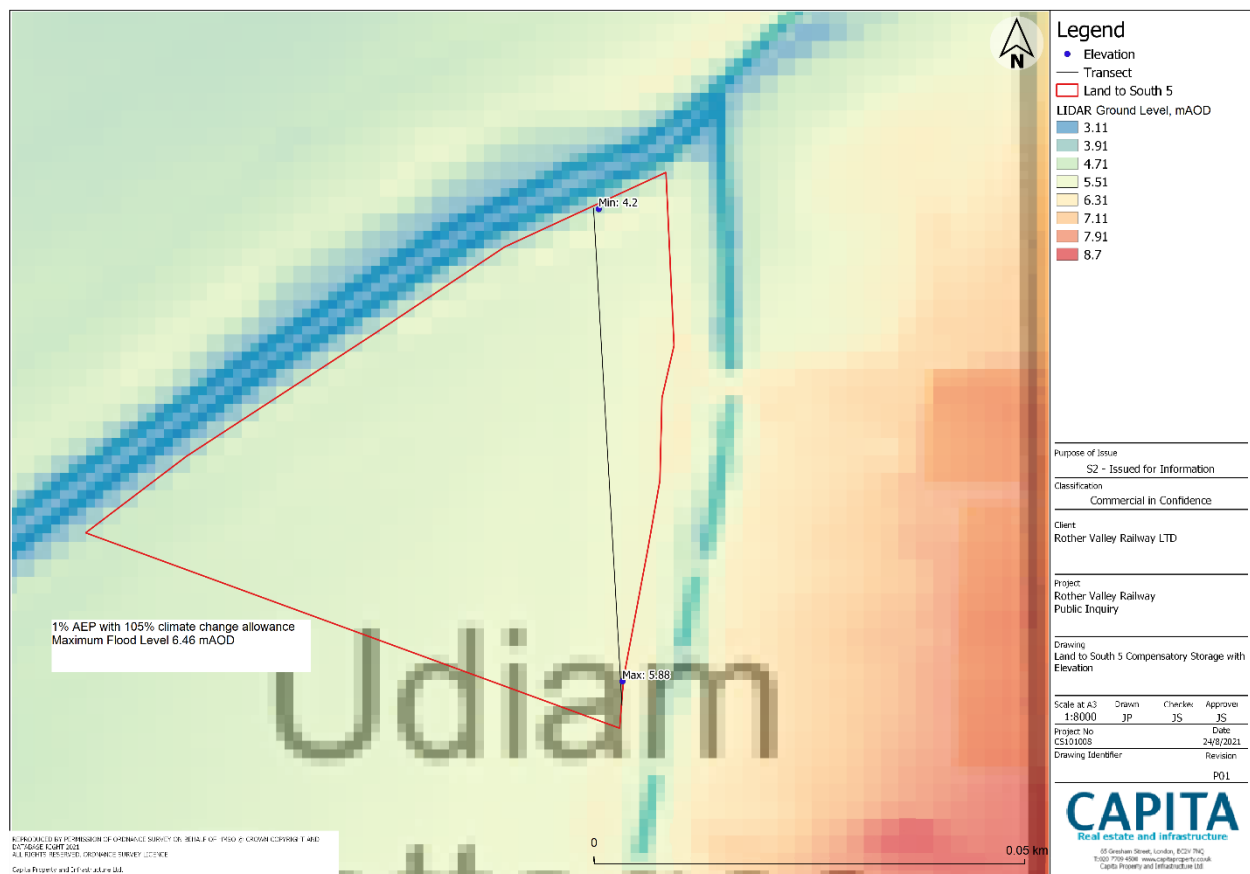
Land to the South 3



Land to the South 4



Land to the South 5



Land to South 5 - Transect

