

APPENDIX 1 PHOTODOC – SITE OBSERVATIONS



Photo 1. External view of existing lifeboat station, proposed development site to the right of the picture



Photo 2. Proposed development site currently in use for boat storage

Title: Photographic Log	Client: Sidmouth Lifeboat
Site: Sidmouth Lifeboat Station	Date: 13/03/2024



Photo 3. View to proposed steps that will lead up to the area of the proposed extension.



Photo 4. View from lower-lying ground to the north, facing south towards the proposed extension location.

Title: Photographic Log	Client: Sidmouth Lifeboat
Site: Sidmouth Lifeboat Station	Date: 13/03/2024



Photo 5. View to the south across the proposed development area



Photo 6. Mouth of the River Sid, facing west with lifeboat station towards rear of picture. SWW pumping station in foreground of picture.

Title: Photographic Log	Client: Sidmouth Lifeboat
Site: Sidmouth Lifeboat Station	Date: 13/03/2024



Photo 7. River Sid, facing upstream to the north, defences to left of picture



Photo 8. View to the west along The esplanade with defences to seaward side of the road

Title: Photographic Log	Client: Sidmouth Lifeboat
Site: Sidmouth Lifeboat Station	Date: 13/03/2024



Photo 9. Surface water drains leading to a gully below the concrete entrance ramp



Photo 10. Surface water outfall from The Esplanade to the beachfront

Title: Photographic Log	Client: Sidmouth Lifeboat
Site: Sidmouth Lifeboat Station	Date: 13/03/2024



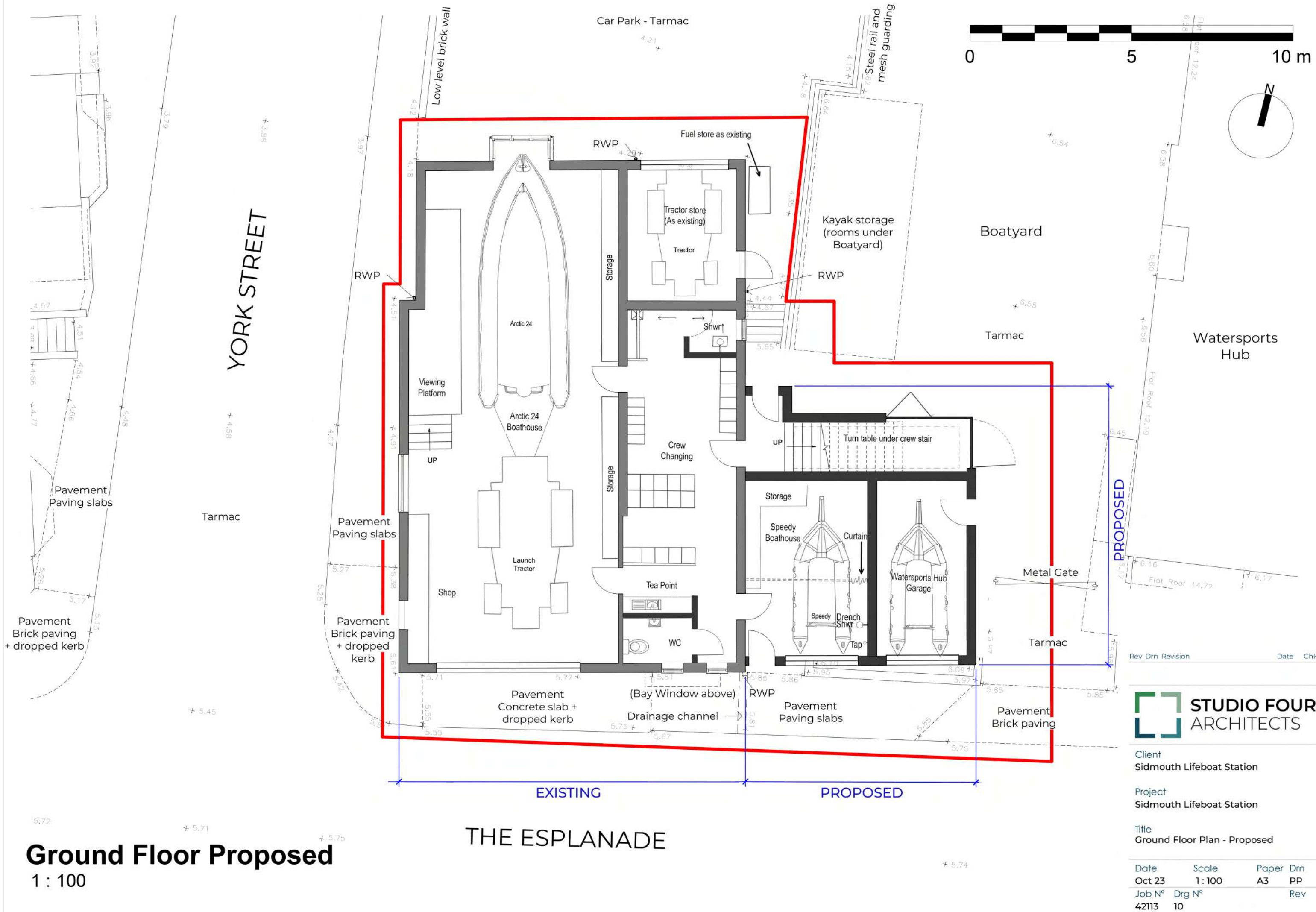
Photo 11. Current internal configuration (note raised, falling electrical fittings and unplastered block work)



Photo 12. Current boat storage

Title: Photographic Log	Client: Sidmouth Lifeboat
Site: Sidmouth Lifeboat Station	Date: 13/03/2024

APPENDIX 2 PROPOSED SITE LAYOUT



Ground Floor Proposed
1 : 100

THE ESPLANADE

Rev	Drn	Revision	Date	Chk



Client
Sidmouth Lifeboat Station

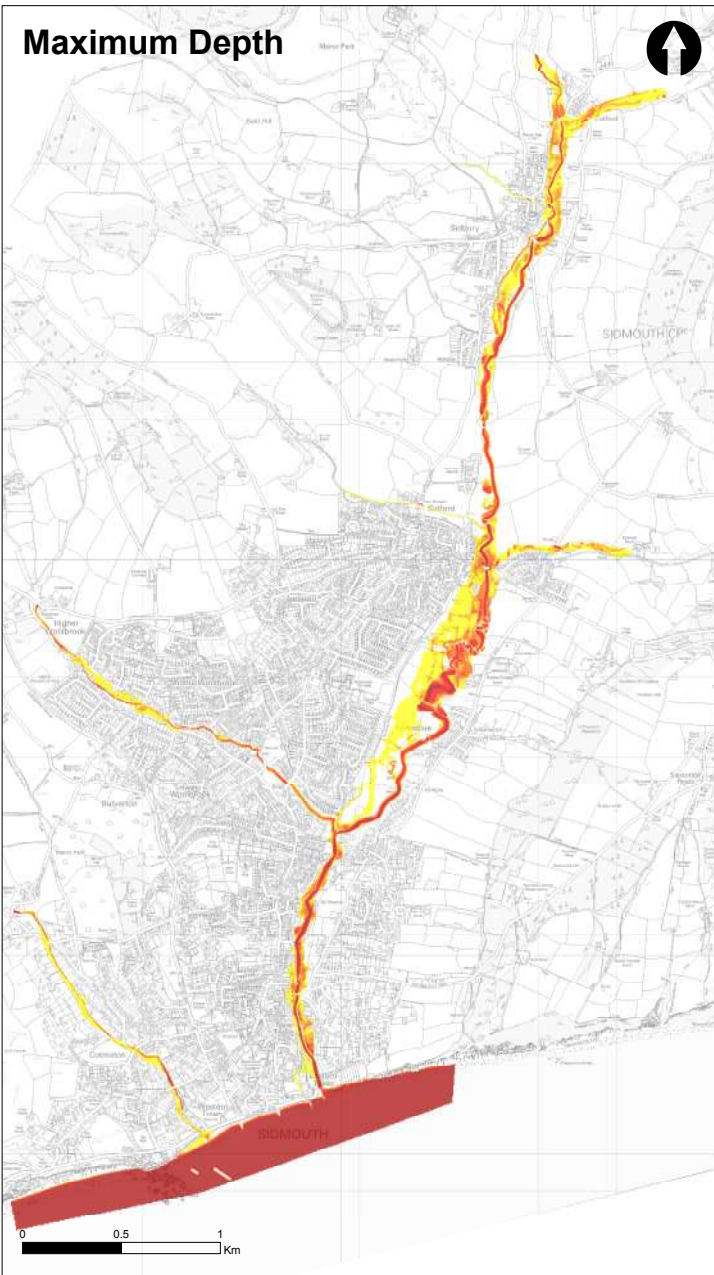
Project
Sidmouth Lifeboat Station

Title
Ground Floor Plan - Proposed

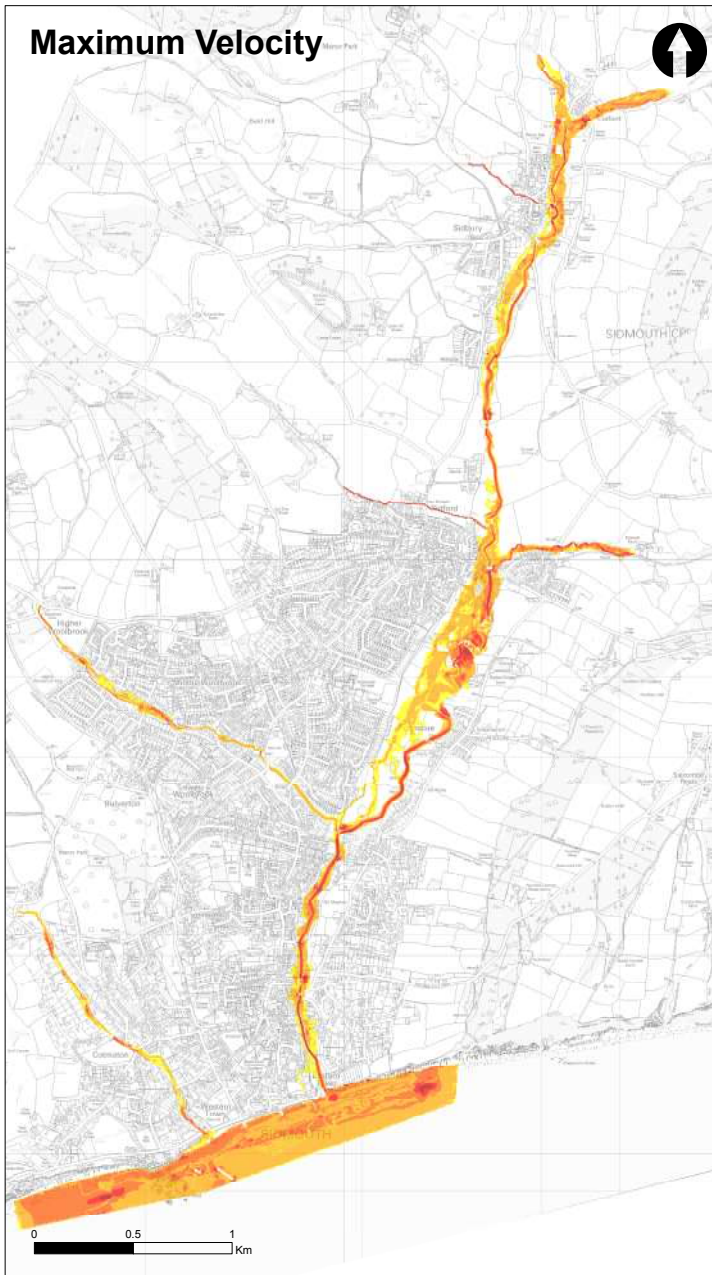
Date	Scale	Paper	Drn
Oct 23	1 : 100	A3	PP
Job N°	Drg N°	Rev	
42113	10		

APPENDIX 3 RIVER SID FLUVIAL MODELLING

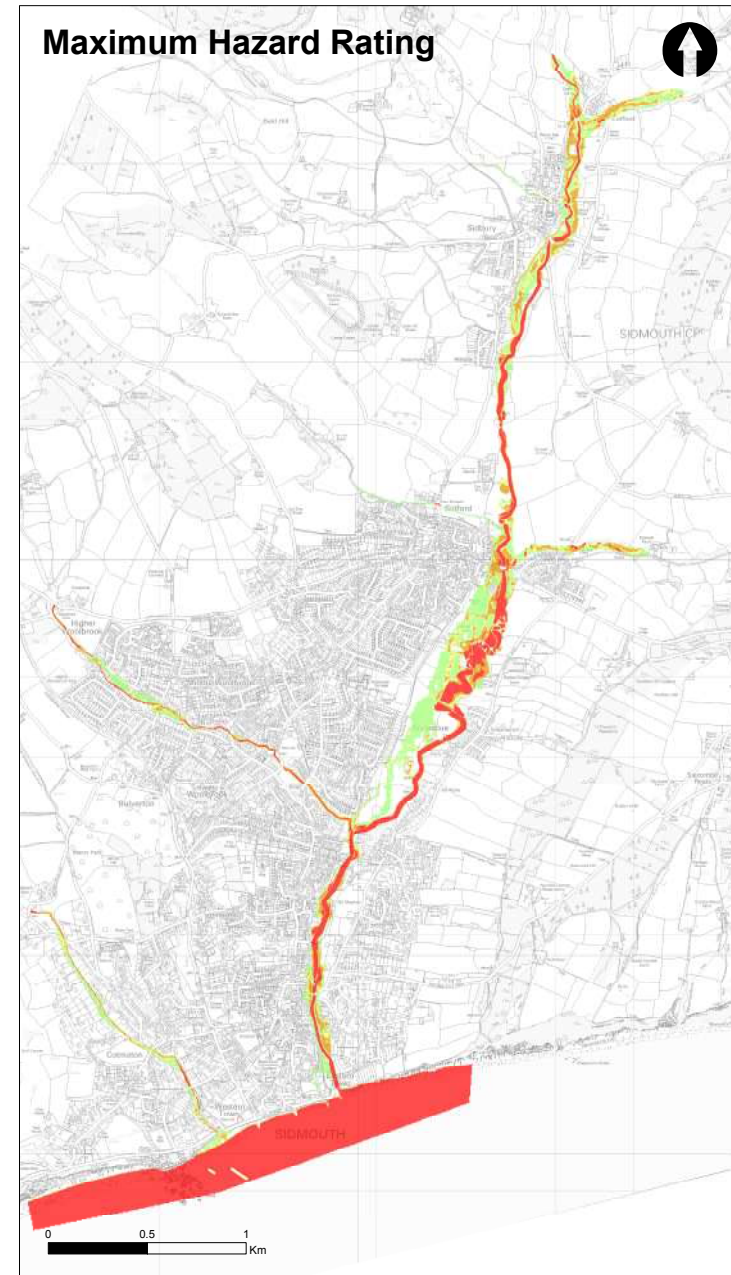
Maximum Depth



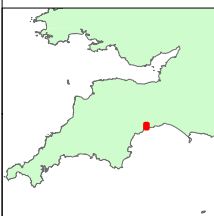
Maximum Velocity



Maximum Hazard Rating



Key Plan



Legend

2D Model Domain		
Max Depth (m)	Max Velocity (m/s)	Max Hazard Rating
0 - 0.25	0 - 0.3	0 - 0.75
0.25 - 0.5	0.3 - 1	0.75 - 1.25
0.5 - 1	1 - 1.5	1.25 - 2
1 - 2	1.5 - 2.5	>2
> 2	>2.5	

Hazard Rating is calculated according to the Formulae based on the UK publication: DEFRA R&D Outputs: Flood Risk Assessment Guidance for New Development FD2320/TR2; where Hazard Rating = Depth x (Velocity + 0.5) + Debris Factor.

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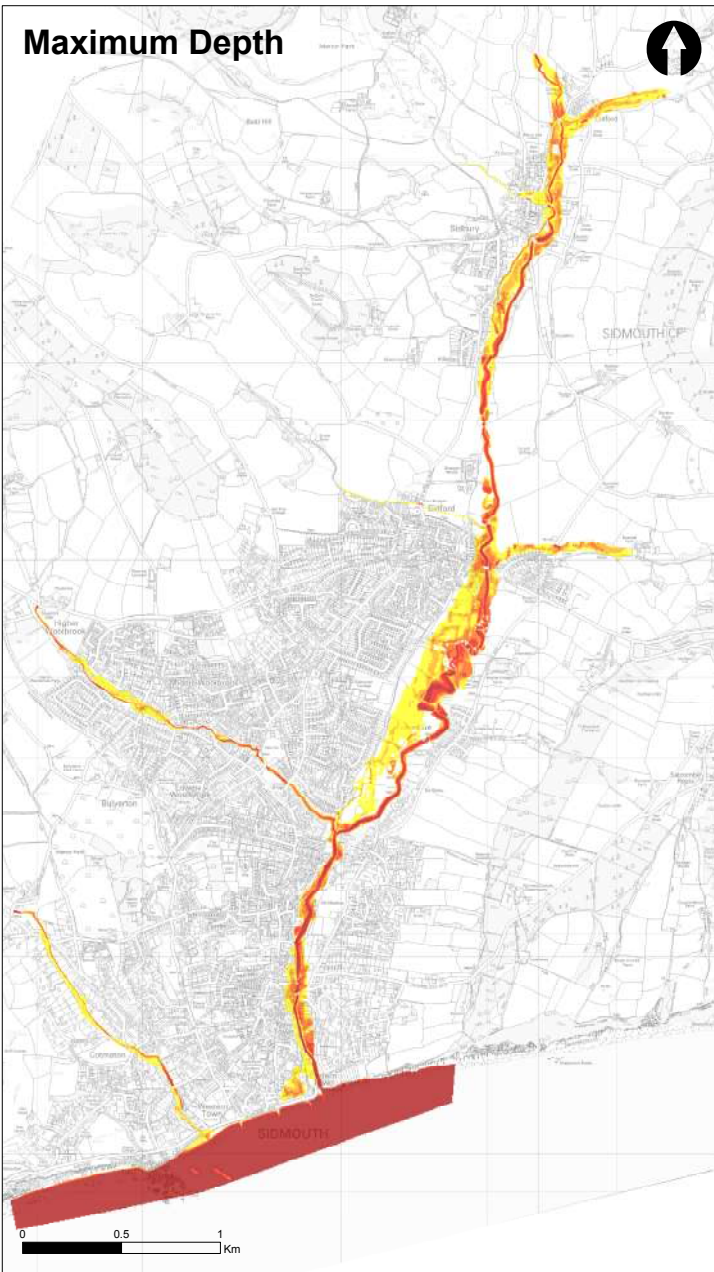
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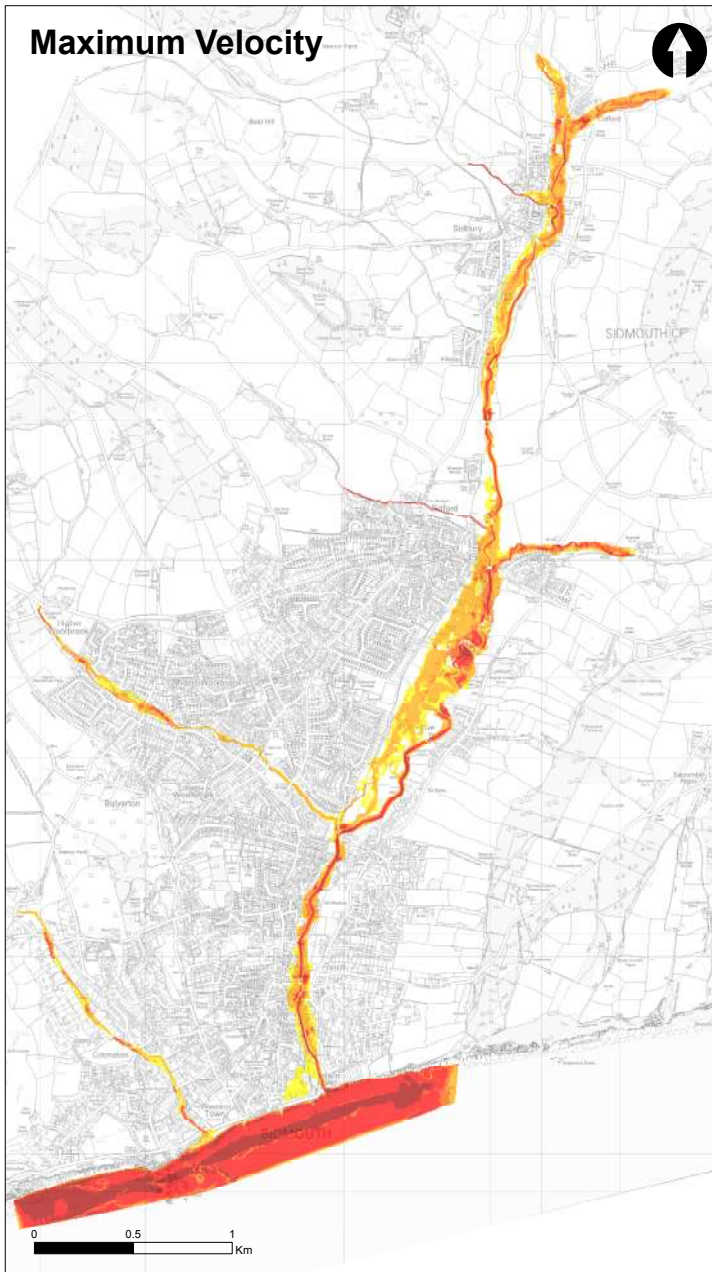
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Project Title	River Sid Flood Risk Modelling	
Scenario	Defended	
Fluvial Return Period / Year	1 in 100 Year	2013
Tidal Return Period / Year	1 in 5 Year	2013
Date / Revision	30/05/2014	1
Mapped	MJF - May 2014	
Checked	GM - May 2014	
Approved	SYE - May 2014	
Drawing No.	317906/F0100T0005/DEF/DV2/1	
Drawing Scale at A1	1:13,500	

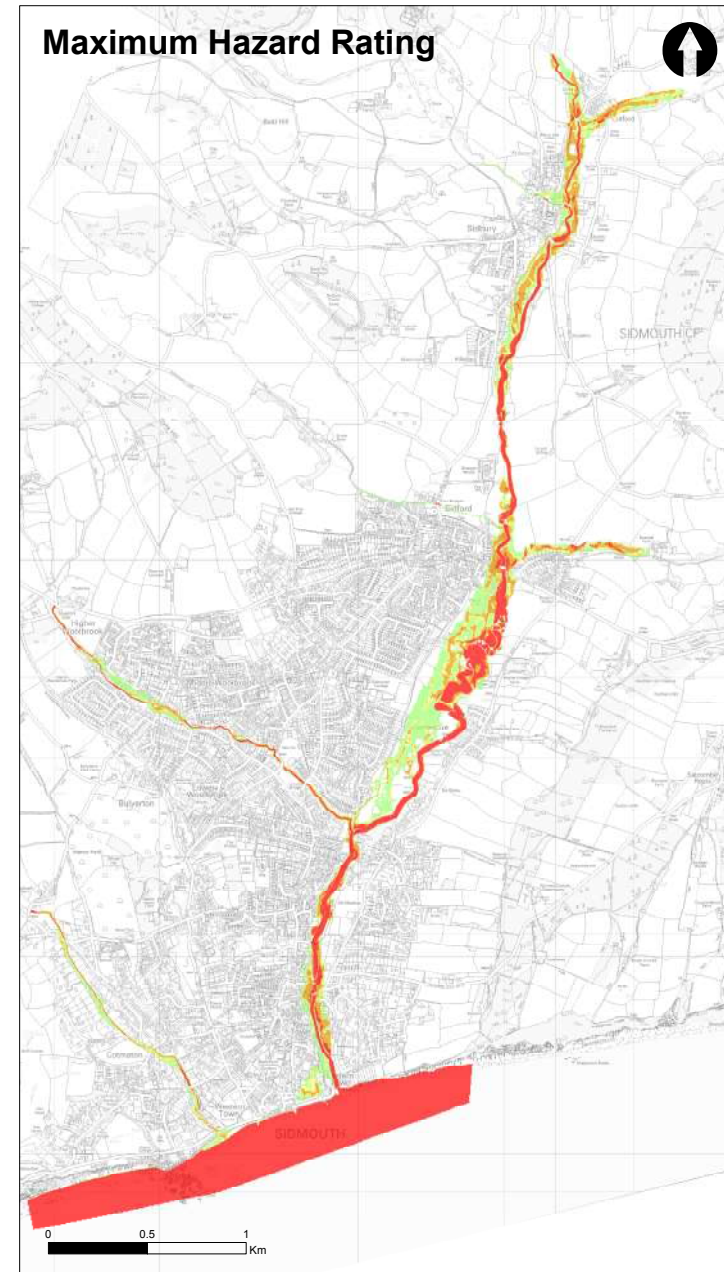
Maximum Depth



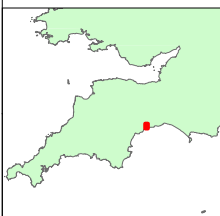
Maximum Velocity



Maximum Hazard Rating



Key Plan



Legend

2D Model Domain

Max Depth (m)

- 0 - 0.25
- 0.25 - 0.5
- 0.5 - 1
- 1 - 2
- > 2

Max Velocity (m/s)

- 0 - 0.3
- 0.3 - 1
- 1 - 1.5
- 1.5 - 2.5
- > 2.5

Max Hazard Rating

- 0 - 0.75
- 0.75 - 1.25
- 1.25 - 2
- > 2

Hazard Rating is calculated according to the Formulae based on the UK publication: DEFRA R&D Outputs - Flood Risk Assessment Guidance for New Development FD2320/TR2: where Hazard Rating = Depth x (Velocity + 0.5) + Debris Factor.

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Project Title	River Sid Flood Risk Modelling	
Scenario	Defended	
Fluvial Return Period / Year	1 in 100 Year	2115
Tidal Return Period / Year	1 in 5 Year	2115
Date / Revision	03/06/2014	1
Mapped	MJF - May 2014	
Checked	GM - May 2014	
Approved	SYE - May 2014	
Drawing No.	317906/F0100T0005_CC2115/DEF/DVZ/1	
Drawing Scale at A1	1:13,500	