

APPENDIX A – SITE PLANS

Stroud Level 2 SFRA Update March 2014– DRAFT

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Legends:

The following legends should be used in conjunction with all of the site plans contained within this document.

Modelled Flood Zone Maps:

	Flood Zone 2 (Medium Probability)
	Flood Zone 3a (High Probability)
	Flood Zone 3b (Functional Floodplain)

Historic Flood Maps:

	Historic Flooding - January 1939
	Historic Flooding - March 1947
	Historic Flooding - July 1968
	Historic Flooding - December 1981
	Historic Flooding - January 1990
	Historic Flooding - December 2000
	Historic Flooding - July 2007

Surface Water Risk Maps:

The Surface Water Risk Maps used in this commission comprise the Environment Agency's updated Flood Map for Surface Water (uFMfSW). The uFMfSW is based on national scale modelling and supersedes the information contained in the existing Level 2 SFRA published in March 2012.

The information presented in subsequent Surface Water Map images is classified as follows:

 Over 900mm

 300-900mm

 Below 300mm

Level 1 SFRA Flooding from All Sources Maps:


 Extent of Modelled Watercourse

 Recorded Flooding - Artificial Drainage

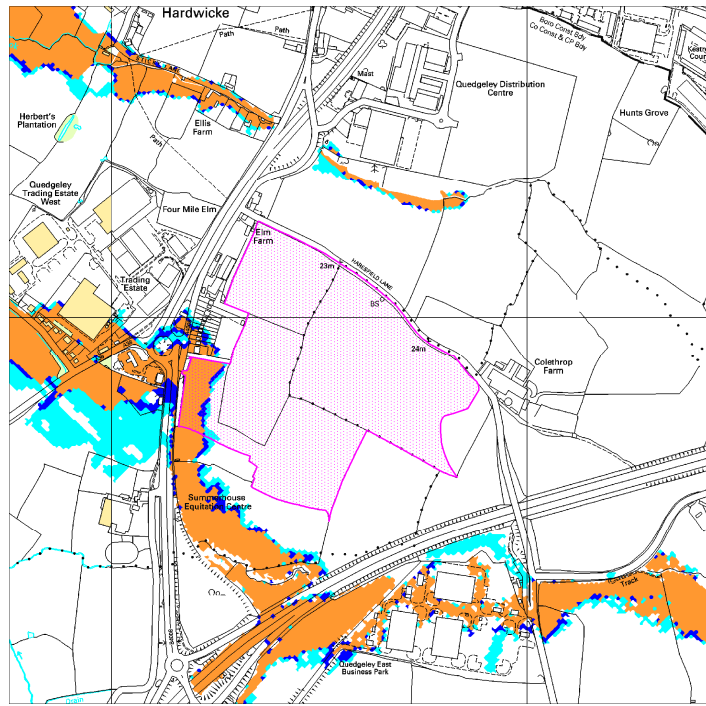
 Recorded Flooding - Fluvial

 Recorded Flooding - Surface Water

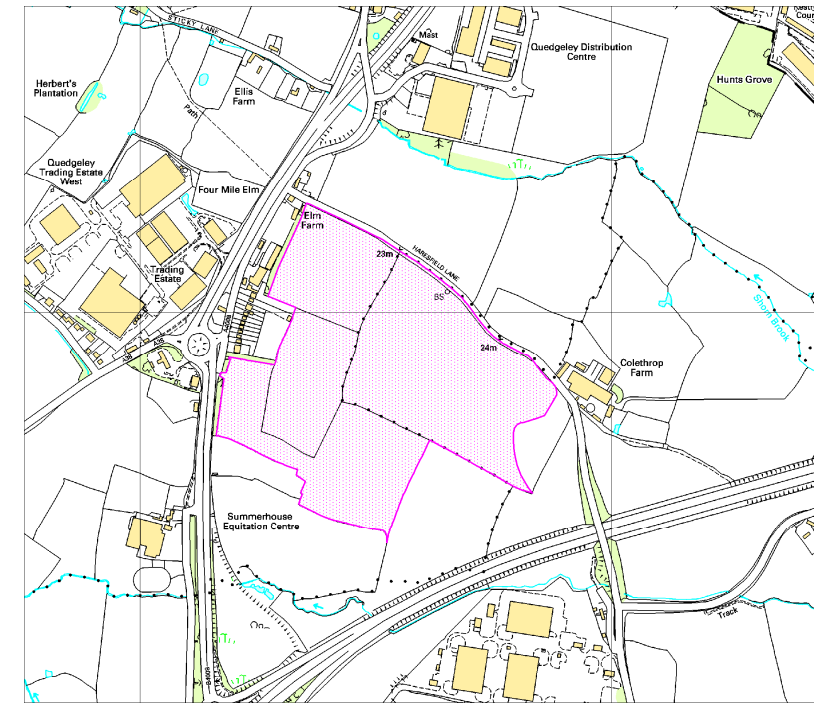
 Recorded Flooding - Unknown

 Recorded Flooding - Impounded Water Bodies

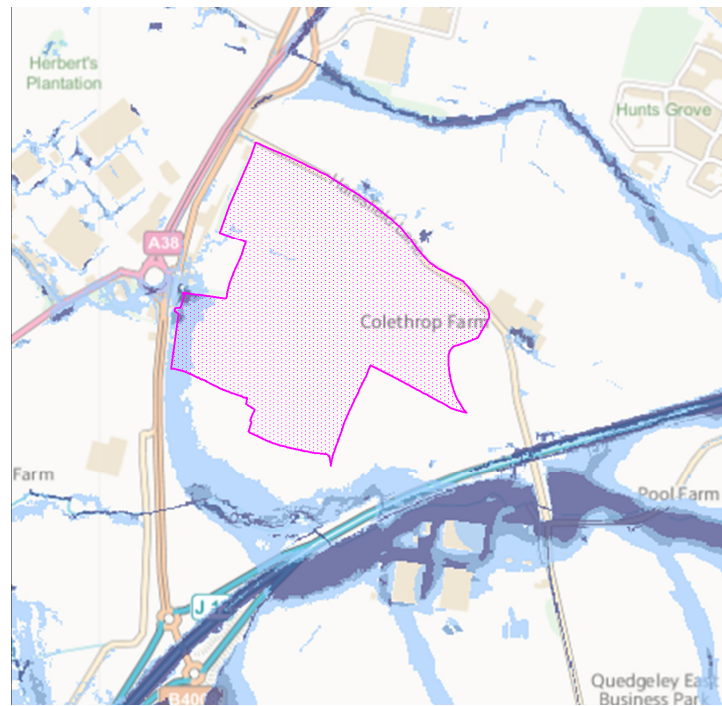
SITE SA4 – Hunts Grove Extension



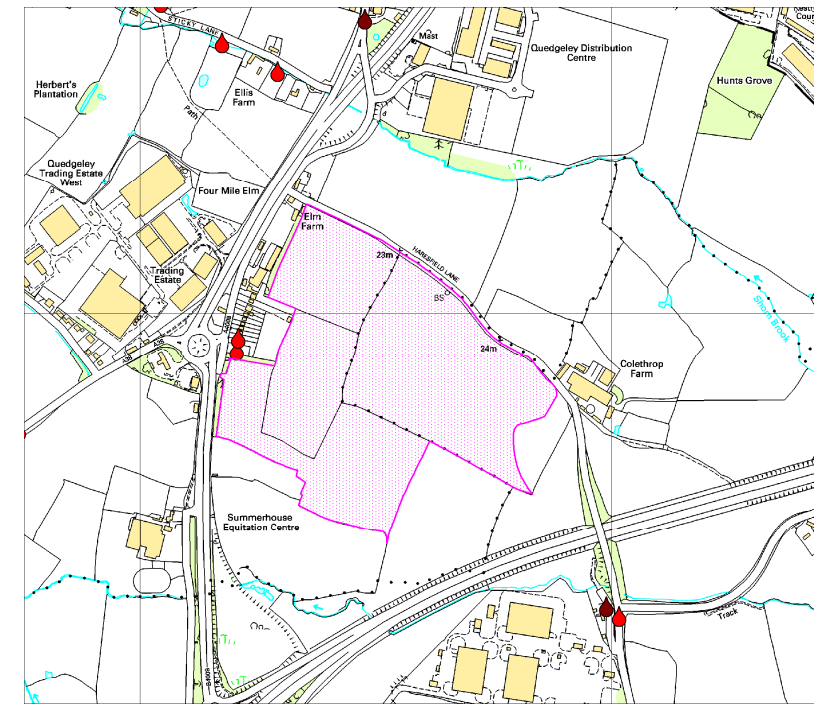
Site SA4 – Modelled Flood Zones 2, 3a and 3b



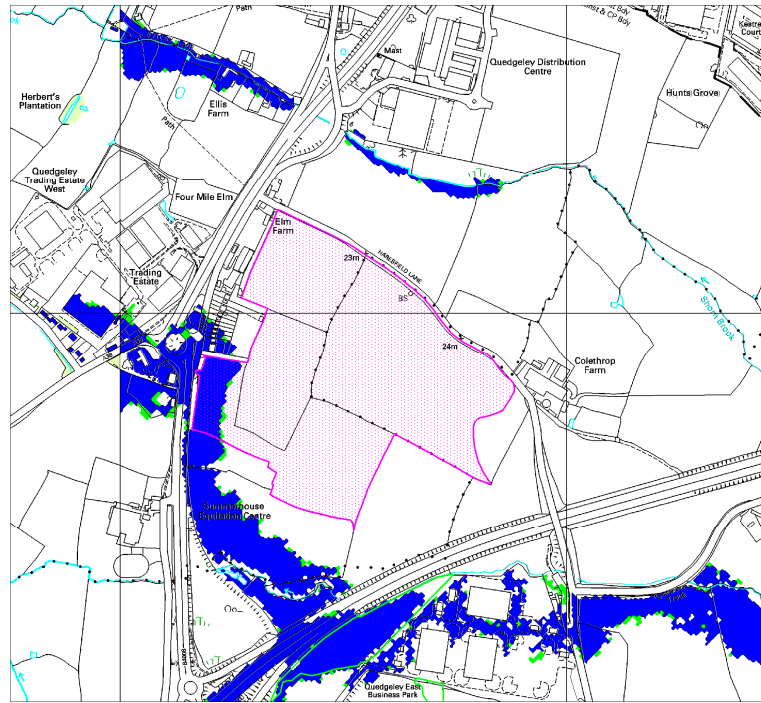
Site SA4 – Historic Flood Outlines



Site SA4 – Updated Flood Map for Surface Water (uFMfSW)

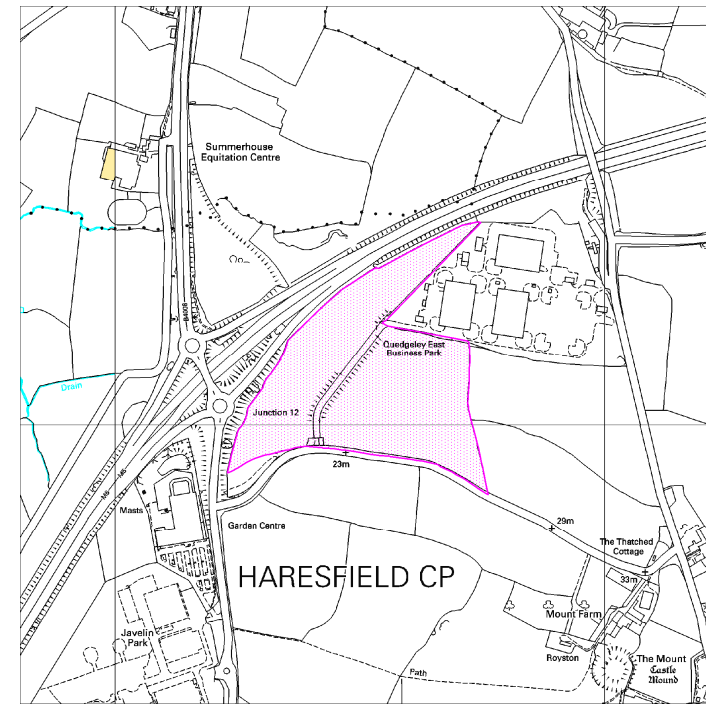
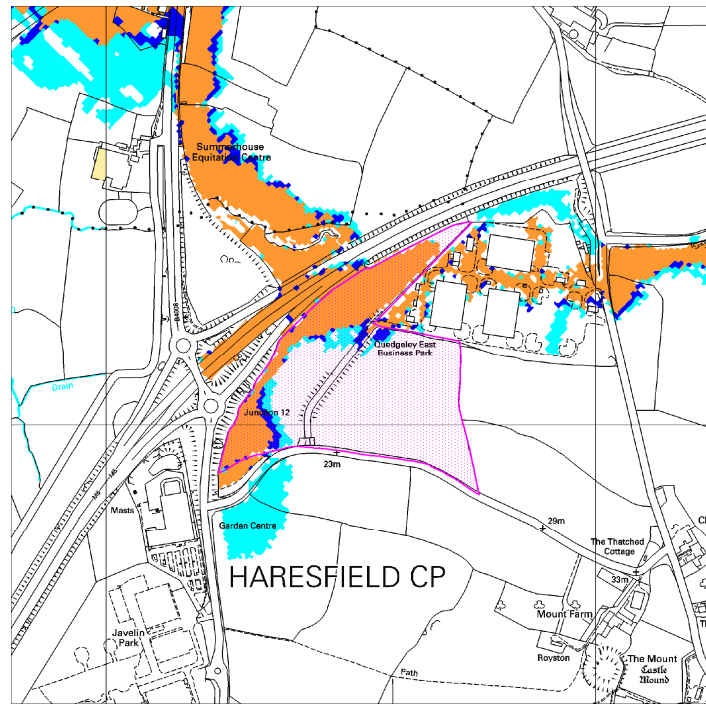


Site SA4 – Level 1 SFRA Flooding from other sources



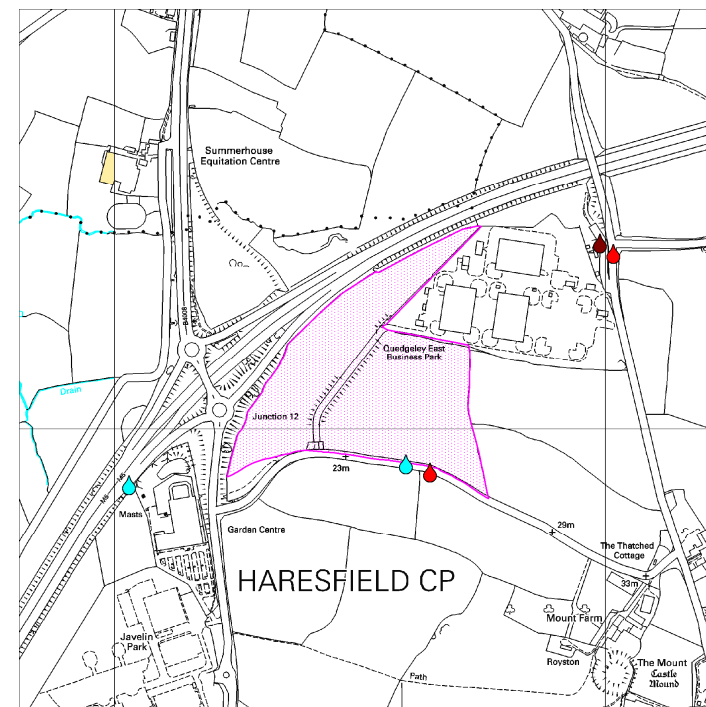
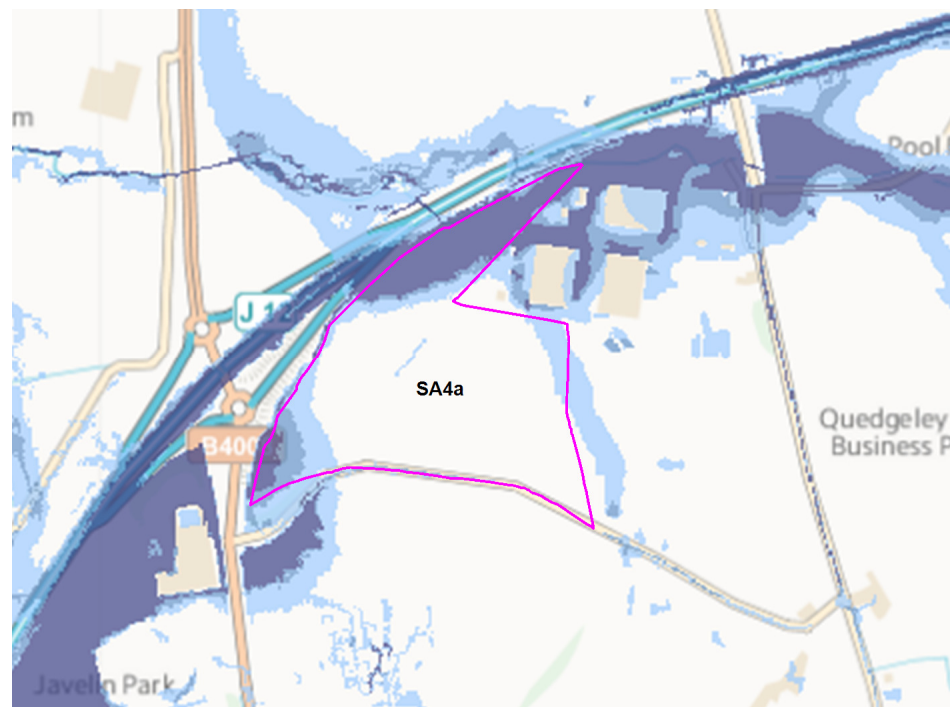
Site SA4 – Comparison of Modelled Flood Zone 3a (shown in blue) with the 1 in 100 year climate change scenario (shown in green)

SITE SA4a – Quedgeley East



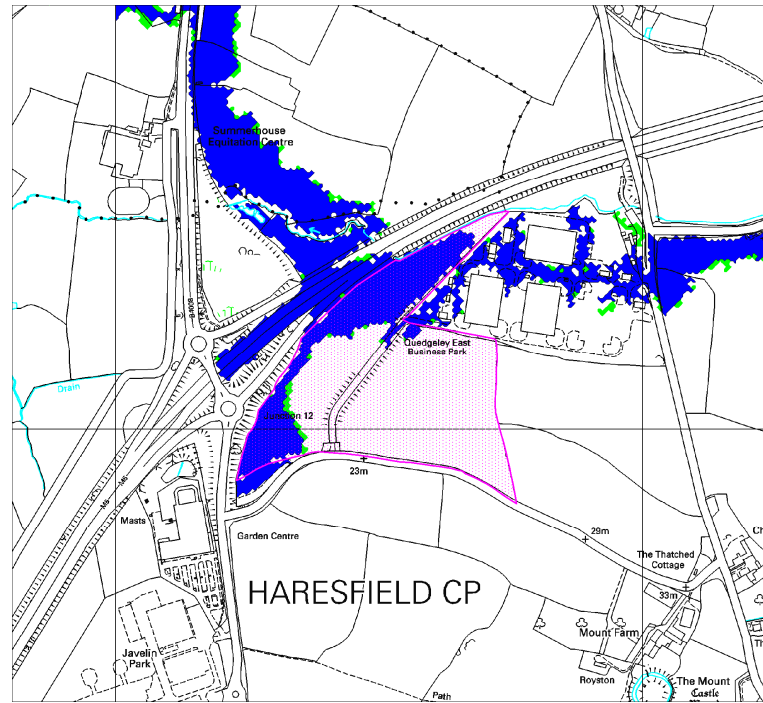
Site SA4a – Modelled Flood Zones 2, 3a and 3b

Site SA4a – Historic Flood Outlines



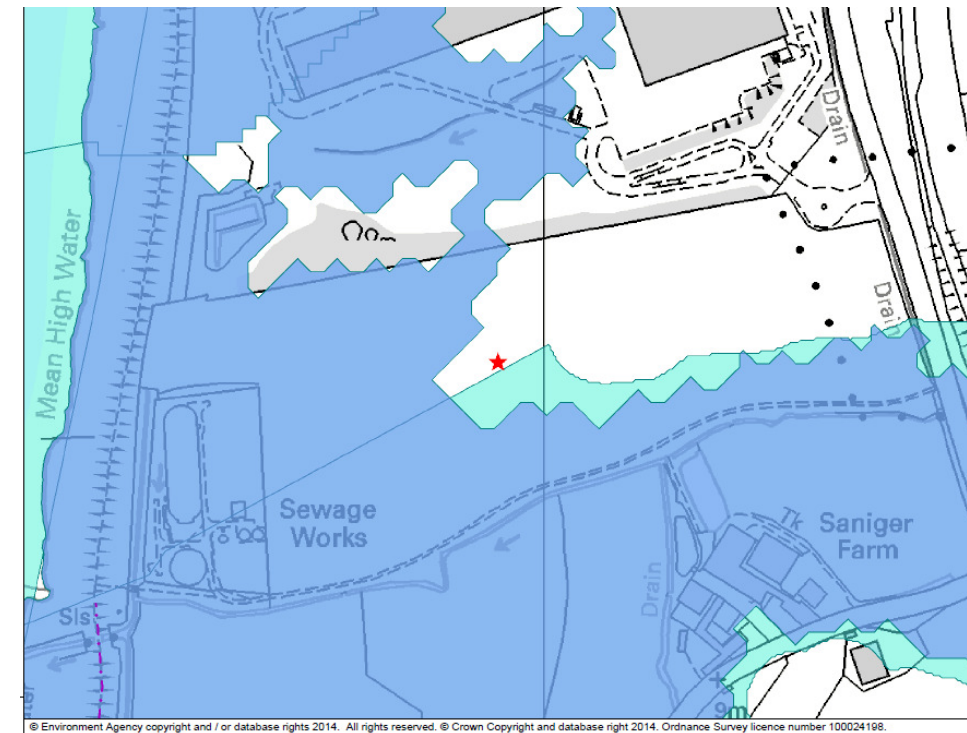
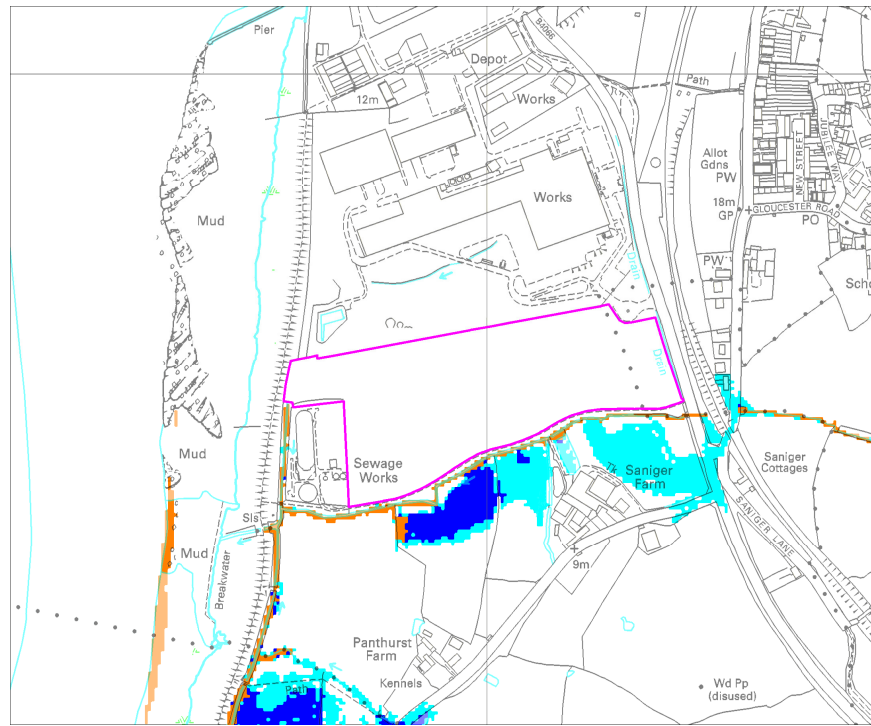
Site SA4a – Updated Flood Map for Surface Water (uFMfSW)

Site SA4a– Level 1 SFRA Flooding from other sources



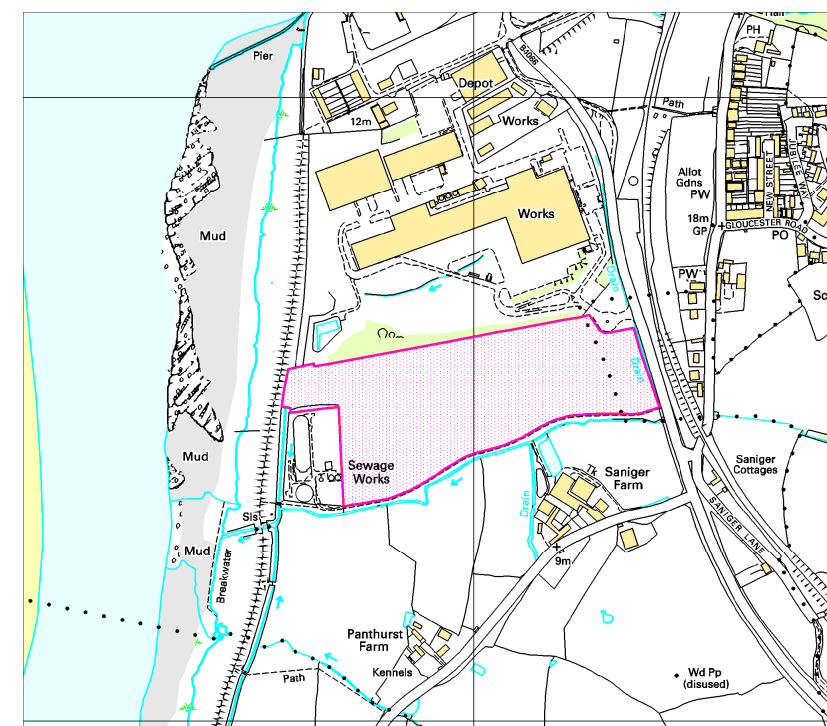
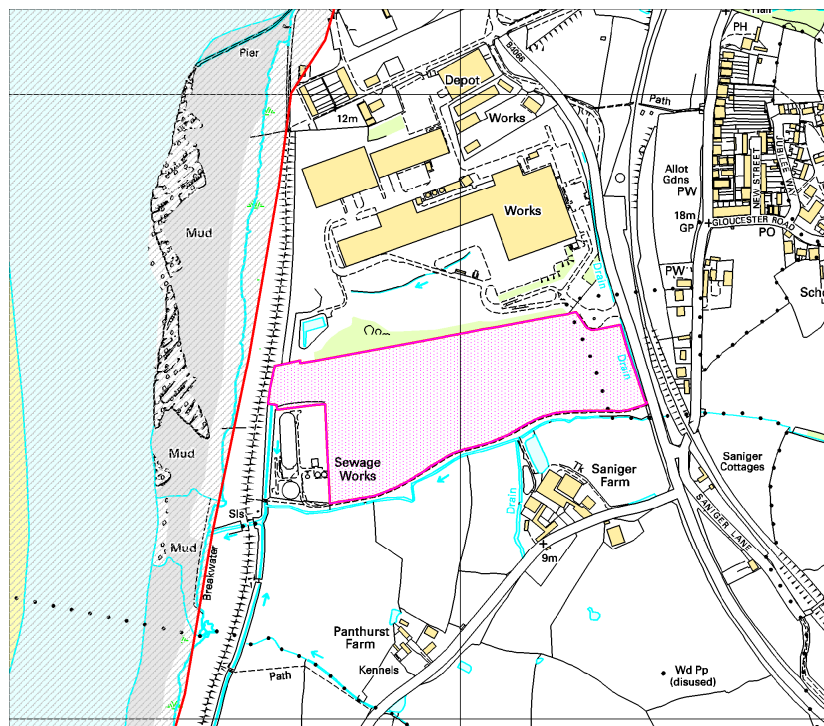
Site SA4a – Comparison of Modelled Flood Zone 3a (shown in blue) with the 1 in 100 year climate change scenario (shown in green)

SITE SA5a – South of Severn Distribution Centre



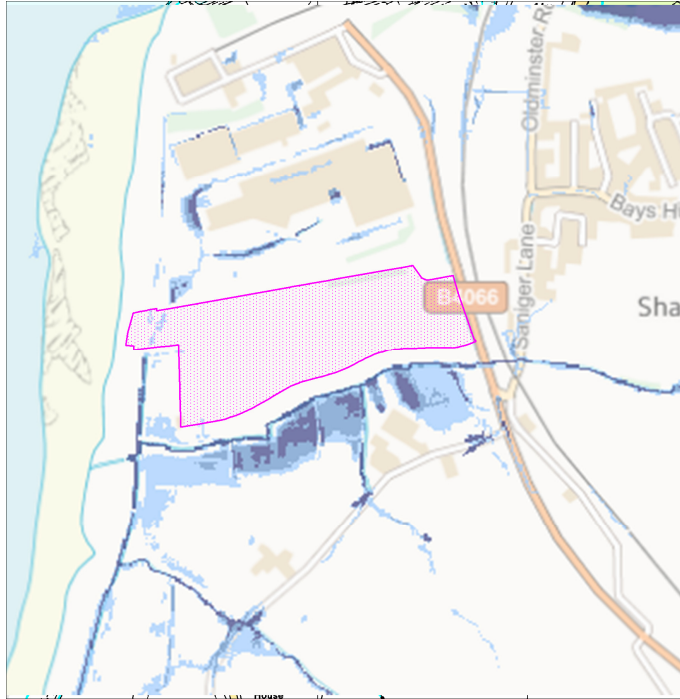
Site SA5a – Modelled Fluvial Flood Zones 2, 3a and 3b

Site SA5a – Tidal Flood Zones 2 and 3

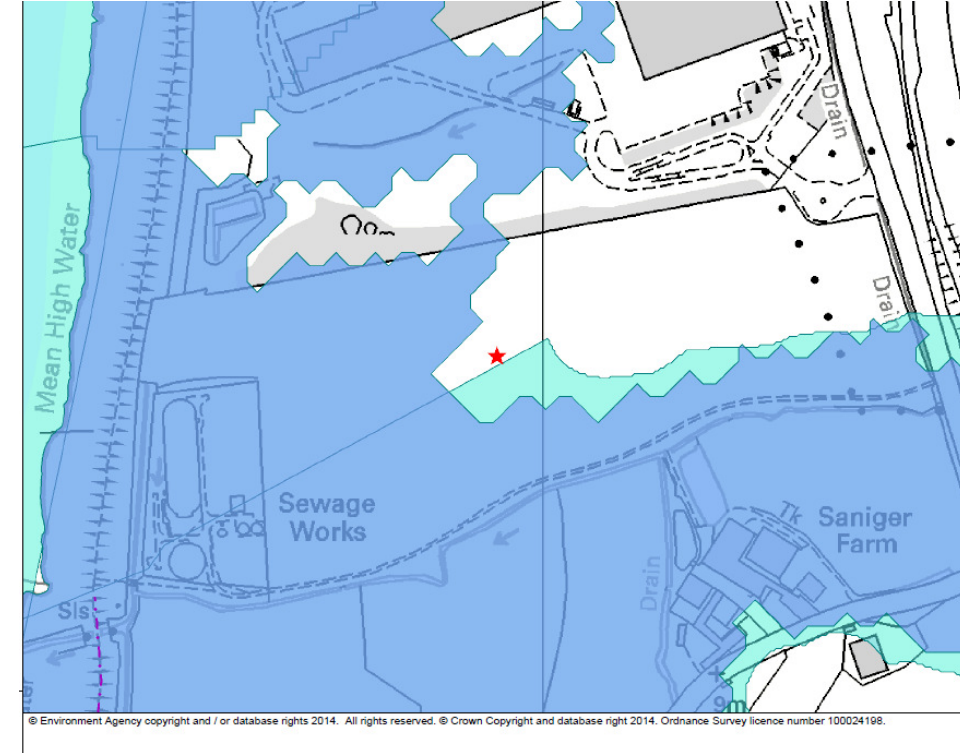


Site SA5a – Historic Flood Outlines

Site SA5a – Level 1 SFRA Flooding from other sources



Site SA5a – Updated Flood Map for Surface Water (uFMfSW)



Site SA5a – Comparison of Flood Zone 3 (dark blue) with Flood Zone 2 (light blue) (taken to represent the climate change scenario)