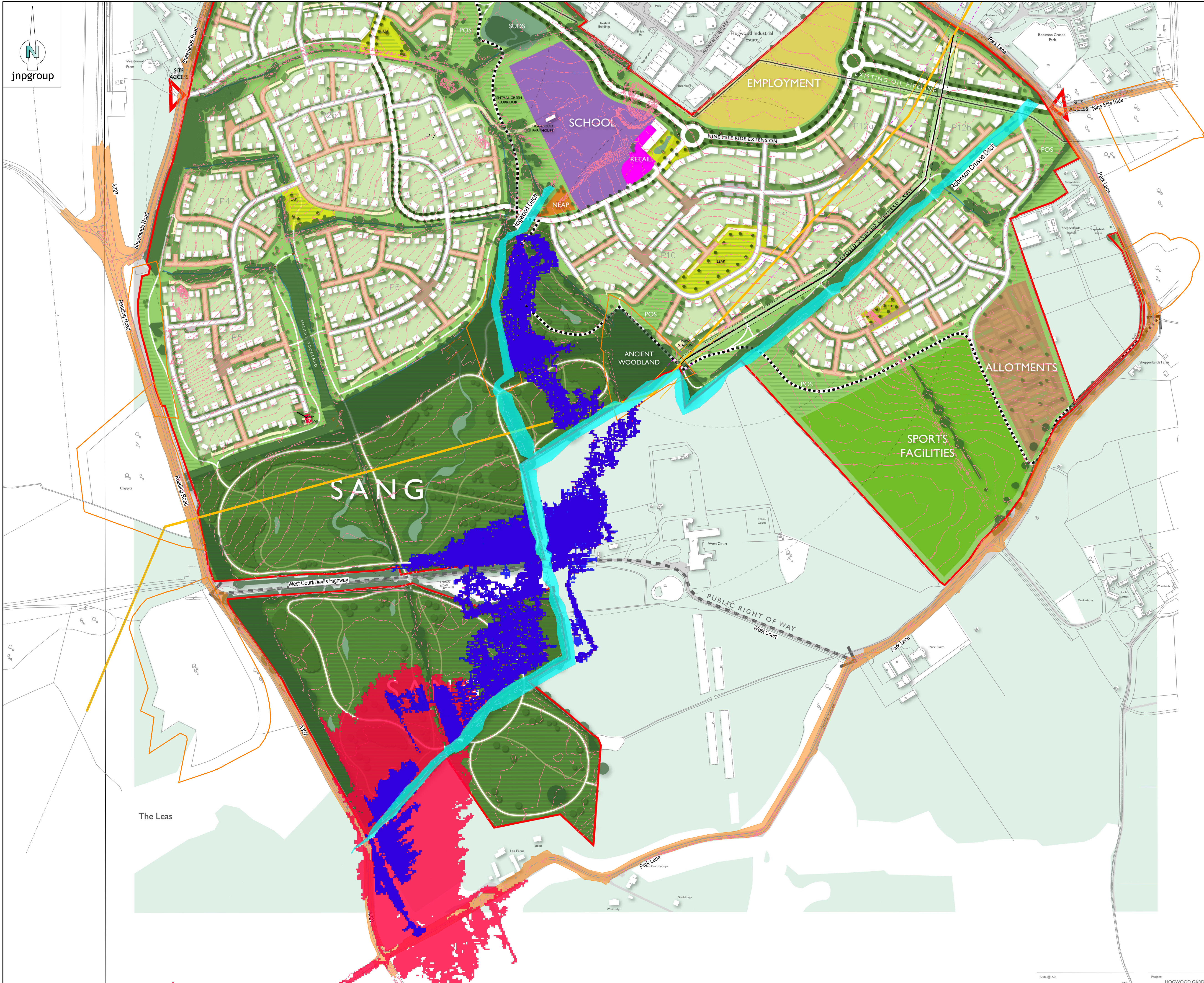




- Notes:-
- Where this drawing has been issued in electronic .dwg format it has been done so in good faith. jnpgroup do not take any responsibility for any inaccuracies in the electronic data, which should be checked against the paper (or .pdf) drawing issue. Any apparent discrepancies should be immediately reported to jnpgroup. The electronic .dwg file should not be assumed to be to scale and should not be used for 'overlying', setting out or checking of any third party information. All dimensions should be taken from the paper (or .pdf) version of the drawing. Electronic drawings may contain third party information, jnpgroup take no responsibility for this information, which should be checked against the originators paper drawing(s).
 - All working dimensions to be checked on site.
 - Do not scale.
 - Any discrepancies between drawings of different scales, and between drawings and specification where appropriate to be notified to The Engineer for decision.
 - Copyright reserved. This drawing may only be used for The Client and location specified in the title block. It may not be copied or disclosed to any third party without the prior written consent of jnpgroup.
 - This drawing should only be used for construction if the drawing status is "Construction". jnpgroup take no responsibility for construction works undertaken to drawings which are not marked with this status.

Health and Safety Note:
The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

- Key
- Existing Q100 Fluvial Flood Extent
 - Q100 Fluvial Flood Extent (Culvert Blockage CB82)
 - Q100 Fluvial Flood Extent (Culvert Blockage CB45)
 - 1D Modelled Channel Extents

- General Notes
- Concept Masterplan by Cooper Baillie Ltd. Reference: CB_12_103_A00_Rev_E. Date: April 2018.
 - OS Data: © Crown Copyright and Database Rights. Ordnance Survey Licence Number: AL100001776.

- Notes
- QX= 1inX year fluvial flood event.
 - This plan shows a comparison of the Q100 fluvial flood extents for the two modelled culvert blockages against the existing Q100 fluvial flood extent.
 - The flood extent for CB82 represent a blockage at the downstream culvert. The flood extent for CB45 represents a blockage at the culvert which goes beneath the Devil's Highway.
 - The blockages for both culverts was set to 90% as per BS6535:2011 guidelines for culverts under 1m2.
 - The fluvial flood extents shown are output from jnpgroup 1D-2D hydraulic flood modelling exercise carried out in February 2018.
 - It has been conservatively assumed that the 1D modelled channel extents will be fully part of the modelled fluvial floodplain in all events.

A	04.18	Updated Site Layout	JC	
Rev.	Date	Amendment	By	Chk.
Status		Preliminary		




Consulting Engineers
www.jnpgroup.co.uk
Chesham • Brighouse • Hartlepool • Leamington Spa • Sheffield
Tel: 01494 771221 E-mail: chesham@jnpgroup.co.uk

Client	Legal & General Homes
Job	Hogwood Farm Finchampstead
Title	Q100 Culvert Blockage Sensitivity Test Fluvial Flood Extents Comparison

Scale 1:2500	Ⓐ A1	Date April 2018
Drawn by JC	Checked by POF	Approved by POF



Drawing No.	C85672-SK-088	Rev.	A
-------------	---------------	------	---

QA Ref: Q010 Rev D