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- General Notes
1. Topographic Survey provided by Brunel Surveys Ltd January 2018 (reference: 18215-Hogwood Farm 2D 09.01.18).
 2. OS Data: © Crown Copyright and Database Rights 2016. Ordnance Survey, Licence Number AL100001776

Rev.	Date	Amendment	By	Chk.	
Status	Preliminary				



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Client	Legal & General Homes				
Job	Hogwood Farm Finchampstead				
Title	Topographic Survey				
Scale	1:2500	@ A1	Date	February 2018	

Drawn By	Eng. Check	Tech. Check
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Accredited Contractor
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Drawing No.	Rev.
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Appendix C: Hydrological Study



Job name: Hogwood Garden Village

Job No: C85672

Note No: TN001

Date: 24/04/2018

Prepared by: JC

Subject: Hogwood Ditch Hydrological Study

1. Introduction

- 1.1 **jnp group** was commissioned by Legal & General Homes to produce a hydraulic flood model of the onsite watercourse network at the proposed development of Land at Hogwood Farm, Sheerlands Road, Wokingham (south of Arborfield Garrison).
- 1.2 The requirement for hydraulic flood modelling is stated in Section 4.4 of the Flood Risk Assessment (FRA) prepared by Haskoning DHV UK Limited in September 2014 (reference: PB2112) and submitted as part of the Outline Planning Application (reference: O/2014/2179).
- 1.3 Planning Condition 45 states the following:

"The development approved by the planning permission shall be carried out in accordance with the following documents:

-  *E-mail correspondence dated 17 December 2014 from Mr Granville Davies*
-  *Strategic Development Framework Plan no. ARB001-SMP02-RevT*
-  *Mitigation measures detailed within the FRA (Hogwood Farm Flood Risk Assessment – Draft Report dated 26 September 2014, ref: PB2112, by Royal Haskoning DHV) shall be implemented. The mitigation measures shall be fully implemented prior to occupation or within any other period agreed, in writing, by the Local Planning Authority.*

Reason: To prevent flooding by ensuring the satisfactory disposal of surface water from the site and providing an overall benefit to the site and the surrounding area; to prevent flooding by ensuring the satisfactory storage of surface water from the site; and to prevent flooding by ensuring the satisfactory storage of surface water from the site and in addition to improve water quality."

- 1.4 This condition, referencing the submitted and approved FRA represents the planning reason to undertake the hydraulic flood modelling.
- 1.5 There are 2 unnamed watercourses on-site, which are fed by a number of local field drains. For ease of reference, these are referred to as Hogwood Ditch and Robinson Crusoe Ditch (the largest tributary of Hogwood Ditch) from this point of the report. An existing ditch network plan is provided in Appendix A and it is recommended that this Technical Note is read in conjunction with that.
- 1.6 This Technical Note has been produced to detail the Hydrological Study carried out as part of the overall Hydraulic Flood Modelling Assessment.