

PROJECT	DATE	BY	REFERENCE
5018551 OHH SID	10/09/2024	SS	5018551-TN-004
TITLE	REVISION		
Response to LLFA Comment	P01		

1. INTRODUCTION

Ridge & Partners prepared Flood Risk Assessment, Drainage Strategy and SuDS Strategy on behalf of Eastleigh Borough Council. The proposed development has been designed in full accordance with the Development Plan and Outline Planning Application (OPA) O/20/89498, which has a resolution to grant consent subject to S106 negotiations relating to education. This application is for full planning consent due to the time for these negotiations to complete.

This document involves a review of the Lead Local Flood Authorities (LLFA) in regard to the following documents:

- Response to LLFA Comments & Southern Water Technical Note ref: 5018551 – TN – 003
- Flood Risk Assessment Report Rev 4 (Appendix A)
- Drainage Strategy Report Rev P05 (Appendix B)
- Pre & Post Development Exceedance Flow Plans (Appendix G)
- Hydrobrake Data Sheet (Appendix H)
- SuDS Strategy Report Rev P05 (Appendix C)

2. RESPONSE TO QUERIES RAISED BY LLFA

- 1. The water quality assessment refers to elements which are part of future development parcels (permeable paving) and needs to be revised to reflect the elements which will be included as part of this phase of work or are already in place. Some additional information has been provided in relation to future connections within the drainage network for this phase, but we do require allowable discharge rates not just impermeable areas and a statement that says unrestricted discharge.**
 - Water will be collected from the road into the ponds, then will be treated in the ponds, then flow into a downstream defender, finally ending into the watercourse. The SuDS Strategy report has been updated to the relevant information Rev P06. Reference to the plans are drawing No. 0556 and 0555. They have been attached in Appendix A.
- 2. A clear plan is required showing what flow rate is catered for in relation to the future developments, so it is clear what their discharge rate is. While we have accepted high level calculations based on impermeable area, without the flow rates we will not be able to review future parcels to ensure the downstream network is suitable. This is exacerbated as none of the plans will open due to their size / complexity. The tables in section 3.8 state 'no restriction' in a number of areas. While flows may not need to be restricted, these should list an allowable discharge rate for clarity for future plots.**
 - Reference to the plans are drawing No. 0556 and 0555. They have been attached in Appendix A.

- 3. Level information has been provided and given the minimal volume of flooding identified, we believe there is sufficient level difference between the point of flooding and properties to keep impacts at a minimal level within the road.**
 - This has been noted.
- 4. Exceedance flow plans have been provided however, they are not clear, and the information needs to be re-processed to allow it to be read on screen at a sensible scale and reflect the proposed works.**
 - Drawing have been updated refer to Drawing No. 0540 and 0541 Rev P01.
- 5. Given that the drainage plans have not been reviewed due to technical issues, these should be resubmitted / reprocessed to allow them to be viewed.**
 - This query has been Noted.

APPENDIX A

FLOW RATE PLAN 0555 AND 0556



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- CLAGUE ARCHITECTS DWG No. 30454A/3875 (DATED JULY 2023)

TOPO SURVEY REFERENCE:

- ENCOMPASS SURVEYS DWG No. ENC/ONE-HH-FEB21 (DATED FEBRUARY 2021)

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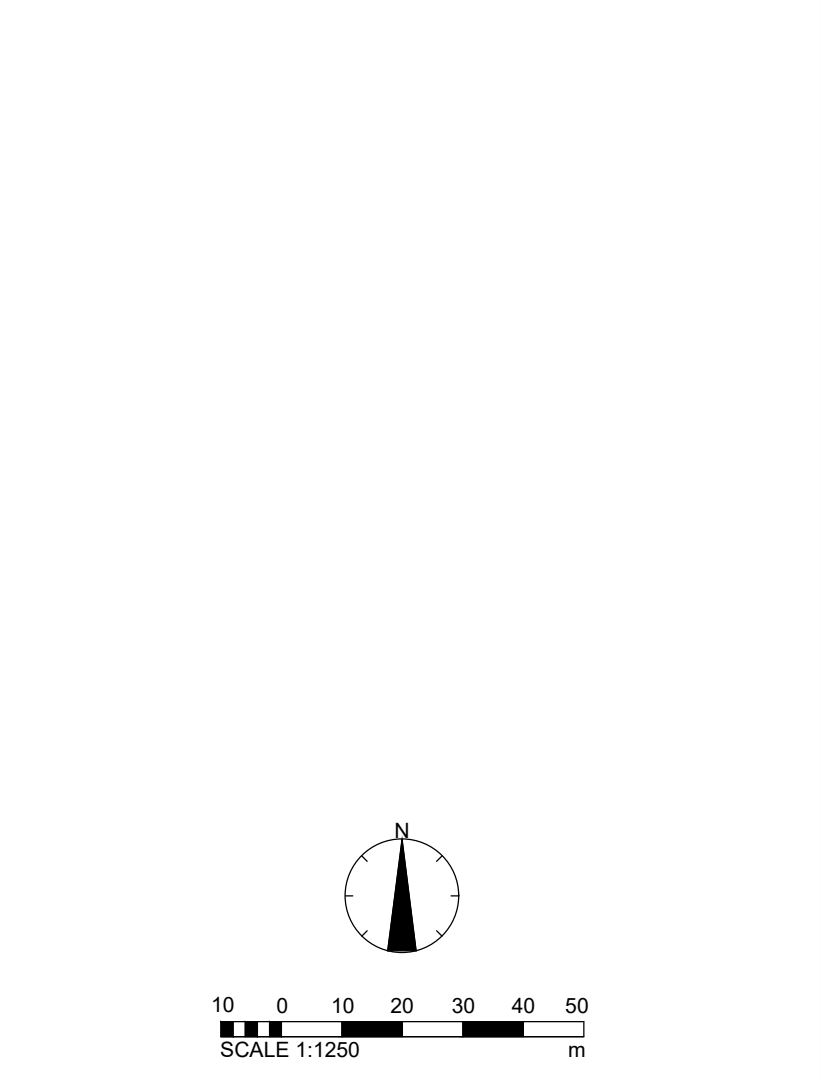
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IN ASSOCIATION WITH:

PROJECT:
**ONE HORTON HEATH
SITE WIDE
INFRASTRUCTURE DELIVERY**

TITLE: MAXIMUM INFLOW RATES FROM PARCELS CATCHMENTS 1							
TECH:	CSE:	ICSE:	SCALE:	1:1250	@	A1	
PO			INITIAL ISSUE:	09/09/2024			
STATUS: INFORMATION							
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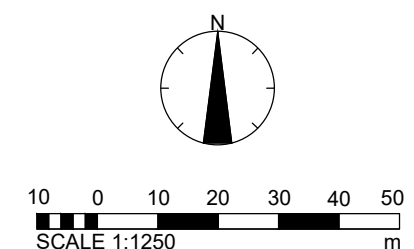
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IN ASSOCIATION WITH:

PROJECT:
**ONE HORTON HEATH
SITE WIDE
INFRASTRUCTURE DELIVERY**

TITLE:
**MAXIMUM INFLOW RATES
FROM PARCELS CATCHMENTS 2**

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