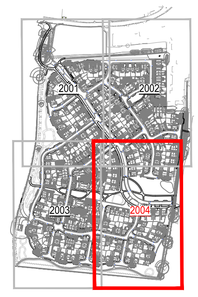
CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:–

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.



Key Plan

Legend

- Site Boundary
- FFL 6.100 — Finished floor level
- Surface water sewer and manhole
- Surface water drain
- G — Proposed road gully
- Proposed Modular Storage
- Detention Basin
- Trench Soakaway
- Enhanced Swale
- Proposed Permeable Paving
- Roadside Enhanced Swale 1 - modelled as a single entity (refer to calculations)
- Roadside Enhanced Swale 2 - modelled as a single entity (refer to calculations)
- Roadside Enhanced Swale 3 - modelled as a single entity (refer to calculations)
- Roadside Enhanced Swale 4 - modelled as a single entity (refer to calculations)
- Roadside Enhanced Swale 5 - modelled as a single entity (refer to calculations)

NOTES:

1. See drawing RSK etc etc for typical SuDS details.
2. See drawing RSK etc etc for details of the exceedance routes.
3. This strategy is a hybrid solution, utilising infiltration where possible, with high level overflows connecting the SuDS features, with connectivity to the existing ordinary watercourse on the north western corner of the site.
4. The connection to the existing watercourse will be limited to QBAR.
5. All drainage features have been located at or above the peak ground water level, monitored during the winter period, as far as is practicable.
6. Permeable paving to be installed for all drives and private parking areas.
7. All proposed structures to be located a minimum of 3.0m from the top of bank to existing watercourse.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
B	14.08.2020	Updated to latest architects information.	MFP	SM	
A	13.07.2020	Issued to support reserved matters application	SM		
P01	03.07.2020	Preliminary Issue for review	SM		

RSK
LAND & DEVELOPMENT ENGINEERING LTD
18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT
United Kingdom
Tel: +44 (0) 1442 437500
Fax: +44 (0) 1442 437550
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client: BARRATT HOMES built around you / DAVID WILSON HOMES

Project Title: DROVE LANE, YAPTON

Status: PRELIMINARY

Drawing Title: SURFACE WATER DRAINAGE STRATEGY SHEET 4

Drawn	Date	Checked	Date	Approved	Date
SM	01.07.2020				

Scale	Orig Size	Dimensions
1:250	A0	Metres

Project No.: 133647

Drawing File: 133647-RSK-ZZ-XX-DR-C-3005-3008 Strategic Site Drainage.dwg

Drawing No.: PLN_1_4083

Rev.: A

Scale 1:250
0 2.5 5 7.5 10 12.5m