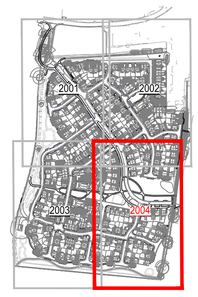
## CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

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. |
|---|---|---|---|---|---|
| A | 14.08.2020 | Preliminary Issue. | MFP | SM | |


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Client

BARRATT HOMES built around you
DAVID WILSON HOMES

Project Title

DROVE LANE,
YAPTON

Status

PRELIMINARY

Drawing Title

SURFACE WATER
DRAINAGE STRATEGY
SHEET 5

| Drawn | Date | Checked | Date | Approved | Date |
|---|---|---|---|---|---|
| SM | 01.07.2020 | | | | |

| Scale | Orig Size | Dimensions |
|---|---|---|
| 1:250 | A0 | Metres |

| Project No. | Drawing File |
|---|---|
| 133647 | 133647-RSK-ZZ-XX-DR-C-3005-3008 Strategic Site Drainage.dwg |

| Drawing No. | Rev. |
|---|---|
| PLN_1_4084 | A |

Scale 1:250
0 2.5 5 7.5 10 12.5m