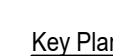




CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

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



	Site Boundary
	Finished floor level
	Surface water sewer and manhole
	Surface water drain
	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)
	3.0m buffer zone to existing watercourse

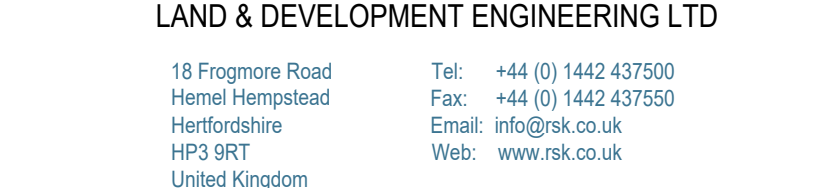
1. See drawing RSK_PLN_1_4101 & 4103 for typical SuDS details.
2. See drawing RSK_PLN_1_4100 for details of the exccedance routes.
3. This strategy is a hybrid solution, utilising infiltration where possible, with high level overflows connecting the SuDS features, with connectivity to the existing ordinary watercourse on the north western corner of the site.
4. The connection to the existing watercourse will be limited to QBAR. The whole site has been counted towards this calculation as all gardens and POS have positive drainage features within them.
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.

NOTE:
LAND DRAINAGE TO BE PROVIDED IN REAR GARDEN
AS ADDITIONAL MITIGATION AGAINST SHALLOW
GROUNDWATER. EXTENTS TO BE CONFIRMED AT
DETAILED DESIGN STAGE.

NOTE:
RAIN WATER PIPES (RWP'S) TO BE CONNECTED INTO
PERMEABLE PAVING SUB-BASE WHERE POSSIBLE.

NOTE:
ALL STORAGE FEATURES TO HAVE HIGH LEVEL
OVERFLOWS OUT OF STRUCTURE INTO DOWNSTREAM
FEATURE. IT MUST BE NOTED THAT PIPES &
MANHOLES ARE NOT INCLUDED AS STORAGE IN THE
CALCULATIONS.

P	06/12/2021	Drainage updated to latest planning layout and LFA comments.	AM	SM	1
N	22/11/2021	Drainage updated to latest planning layout and LFA comments. Private plot drainage amended.	AM	SM	1
M	26/10/2021	Drainage updated to latest planning layout and LFA comments. Private plot drainage added.	AM	SM	1
L	24/09/2021	Drainage updated to latest planning layout and LFA comments.	AM	SM	1
K	27/07/2021	Drainage updated to latest LFA comments.	AM	SM	1
J	15/06/2021	Drainage updated to latest planning layout and LFA comments.	AM	SM	1
I	11/05/2021	Drainage updated to latest planning layout and LFA comments.	AM	SM	1
H	18/03/2021	Drainage updated to latest planning layout and LFA comments.	AM	SM	1
G	12/02/2021	Drainage updated to calculations.	AM	SM	1
F	26/01/2021	Pipe references removed for clarity.	AM	SM	1
E	15/01/2021	Layout updated to reflect latest planning layout.	AM	SM	1
D	19/11/2020	Layout updated to latest planning layout. Areas changed clouded.	MFP	SM	1
C	23/10/2020	Revised take account of comments made by the LPA.	SM	SM	1
B	14/08/2020	Updated to latest architects information.	MFP	SM	1
A	10/07/2020	Issued to support reserved matters application.	SM	SM	1
PD1	03/07/2020	Preliminary issue for review	SM	SM	1
Rev	Date	Amendment	Drawn	Chkd	



Project Title

DROVE LANE,
YAPTON

Drawn SM	Date 01.07.2020	Checked	Date	Approved	Date
Scale 1:250	Orig Size A0	Drawing File 133647-RSK-DZ-XX-DR-C-3005-3008 Strategic Site Drainage.dwg		Dimensions Metres	
Project No. 133647					
Drawing No. PLN_1_4080					Rev. P

