



Exceedence Flows:
Storm Water System is designed to receive and contain all rainfall upto 1 in 100 year + 40% Climate Change event on-site. During the 1 in 100 year +40% CC event there is approximately 3m2 of flooding which will safely be stored in the filter stone in the filter drains and the porous driveways (which have not be included in the calculations).
The calculations have included for a surcharged outfall to account for the downstream pipe level.
Exceedence Flows in exceptional events or due to blockage will be routed to the north side of the site as the arrows indicate.

Do not scale directly from this drawing. All discrepancies are to be brought to the attention of the below office.

The copyright to this drawing is owned by studio 11 architecture.

The General Contractor is to check all dimensions on site and report discrepancies to the designer.

The details and information shown hereon relating to existing underground drains, main services, cables, etc. and existing structural details, are as obtained by normal survey observation method. Although all reasonable effort has been made, no guarantee can be made or given for the completeness or accuracy of this information.

The specification in all respects shall be in accordance with the current Development Road and Sustainable Drainage Specification and Construction publicatin in force in the country at the time of construction

The minimum longitudinal fall for highways without channel blocks shall be 1 in 150, and with channel blocks 1 in 250

General deterioration of the existing highway/footway/verges created through construction of the new Section 38 Development will be reinstated to the Development Road and Sustainable Drainage Specification and Construction at the developers' own cost at the agreement of the inspecting Highway and Flood Authority Officer

No private surface water shall discharge onto the adaptable highway

No private strutral features shall overhang the adaptable highway

No private retaining walls exceeding 1.37 metres shall be within 3.66 metres of the highway boundary

H	18.11.2019	S11	Drawing generally updated.
G	11.10.2019	S11	Drawing updated to reflect Highway comments.
F	30.09.2019	S11	Plan generally updated.
E	18.09.2019	S11	Plan generally updated to reflect drainage changes.
D	19.08.2019	S11	Plan generally updated to reflect drainage changes.
C	29.05.2019	ZEK	Storm water drainage strategy, drainage details, manhole schedule, revised plan, pond size
B	09.04.2019	ZEK	Highway initial comments (Footpath, S278, S28, MH cover levels, Kerb details, Filter drain detail, construction details, Chart 1: Exceedence)
A	07.03.2019	ZEK	General amendments.
REVISION	DATE	DRAWN	DESCRIPTION



STUDIO11
architecture

THE BOATHOUSE, HARBOUR SQUARE,
NENE PARADE, WISBECH,
CAMBRIDGESHIRE, PE13 3BH

T: 01945 467339
E: design@studio11architecture.co.uk
W: www.studio11architecture.co.uk

CLIENT	Seagate Homes Ltd		
PROJECT	Residential development off Station Road, Surfleet		
DRAWING	Exceedence Flow		
DRAWN ZEK	PROJECT DESIGNER TBP	PROJECT DIRECTOR KB	
DATE 01.02.2019	SCALE 1:500	PAPER SIZE A1	
DRAWING NUMBER	428.RS.260		
Working in partnership with Ralph Charman Associates & Eleven Consultants			