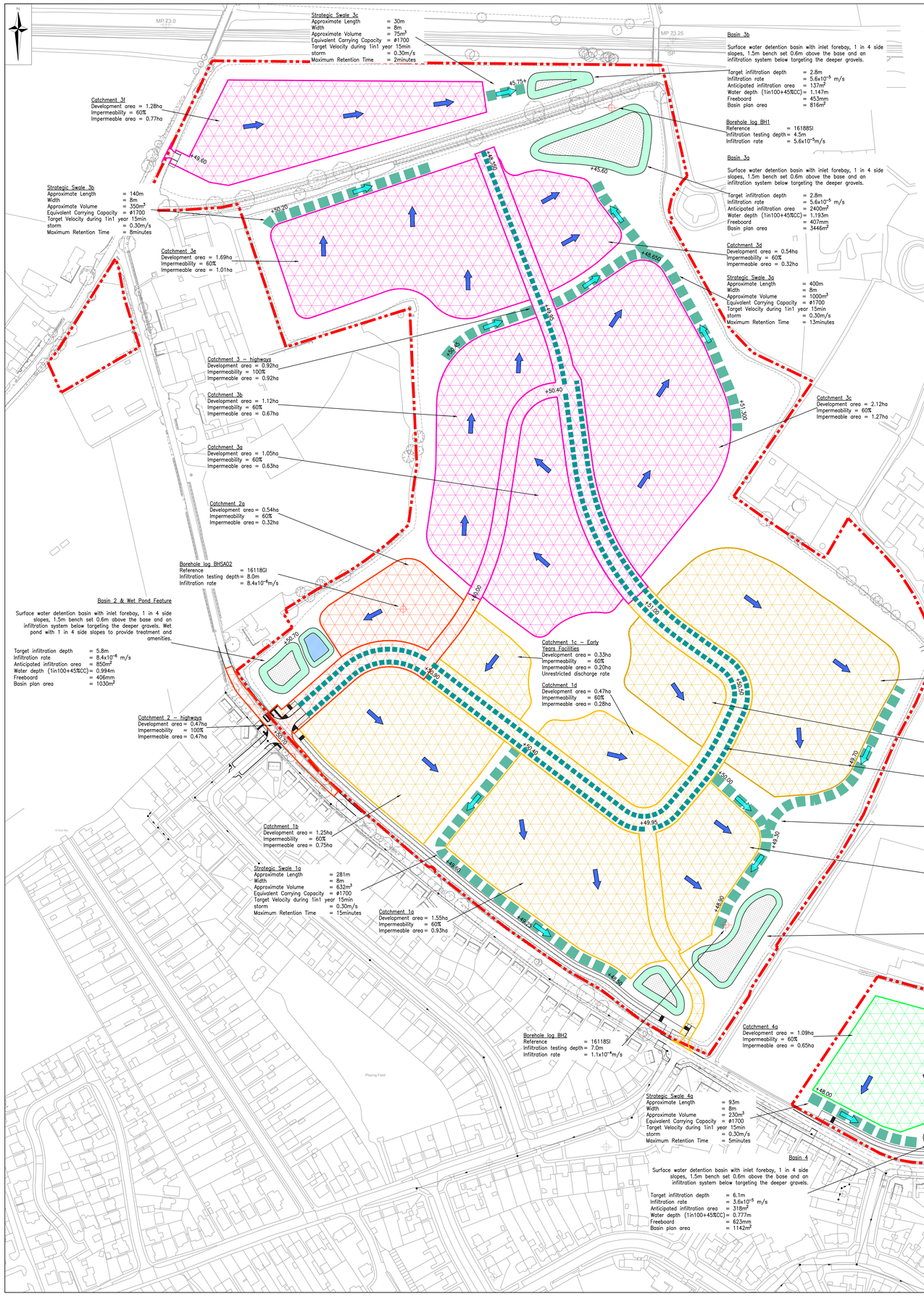
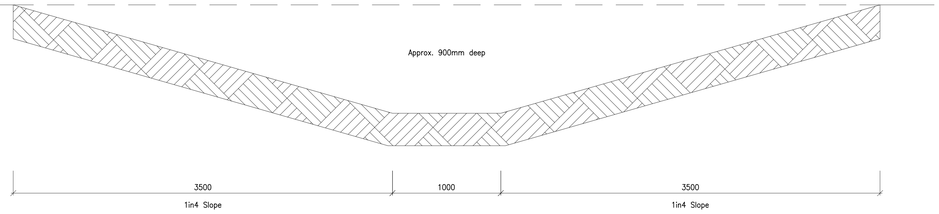
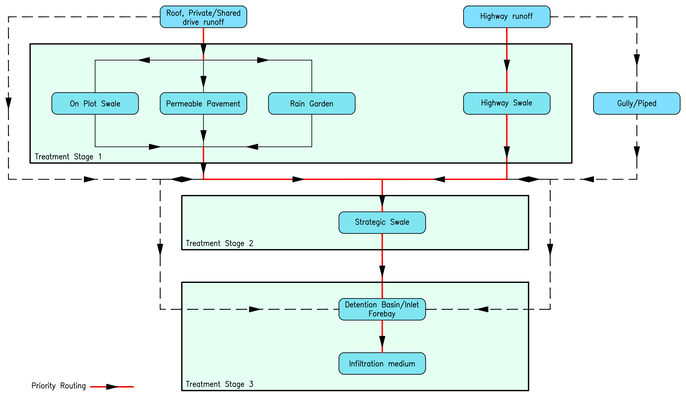




Indicative Strategic Swale Cross Section



Proposed Treatment Train

Drainage Key

Surface Water

- Treatment Stage 1 – Indicative conveyance route
- Treatment Stage 1 – Indicative Highway swale routes 3.7m wide
- Treatment Stage 2 – Indicative strategic swale routes 8m wide
- Treatment Stage 3 – Indicative surface water detention basins

Catchment Key

Surface Water

- Catchment 1
- Catchment 2
- Catchment 3
- Catchment 4
- Catchment 5

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.

Notes:

1. The information contained within this drawing is subject to discussion and agreement with the local authority and all relevant planning consultees.
2. Borehole logs have been taken from RSA Geotechnics Ltd documents:
   - Geotechnical and Geoenvironmental Interpretative Report ref 16118SI dated November 2022
   - Borehole logs ref 16118GI dated 27.02.24
3. Infiltration results have been taken from RSA Geotechnics Ltd documents:
   - Geotechnical and Geoenvironmental Interpretative Report ref 16118SI dated November 2022
   - Soakage tests ref 16118GI dated 27.02.24

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P02	04.12.24	Revised to suit LLFA comments.	RA	TRF	RD
P01	29.02.24	Preliminary issue.	AS	TRF	RD

LDE
CIVILS | STRUCTURES | HYDROLOGY
an RSK company
Abbey Park
Humber Road
Coventry
CV3 4AQ
United Kingdom
Tel: +44 (0) 24 7650 5600
Fax: +44 (0) 24 7650 1417
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client
BARRATT DAVID WILSON HOMES
HOPKINS HOMES

Project Title
HUMBER DOUCY LANE, IPSWICH

Status
PLANNING

Drawing Title
PROPOSED SURFACE WATER DRAINAGE STRATEGY

Drawn	Date	Checked	Date	Approved	Date
AS	29.02.24	TRF	29.02.24	RD	29.02.24

Scale	Orig Size	Dimensions
1:1250	A0	m

Project No.
890695

Drawing File
890695-RSK-ZZ-XX-DR-C-0007-Proposed Surface Water Drainage Strategy.dwg

Drawing No.							Rev.
890695	RSK	ZZ	XX	DR	C	0007	P02
Project	Orig.	Vol./Sys.	Lev./Loc.	Type	Role	Draw. No.	

Scale 1:1250
0 25 50 75 100m