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ALL PROPOSALS IN THIS DRAWING ARE
SUBJECT TO DESIGN AND MODELING
AND SHOULD BE USED FOR GUIDANCE
PURPOSES ONLY.

ALL DETAILS IN THIS DRAWING ARE
SUBJECT TO APPROVAL FROM
ADOPTING/ CONSENTING AUTHORITIES
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PURPOSES ONLY

RISK HOLD NO RESPONSIBILITY FOR
ANY INACCURACIES OF ANY THIRD
PARTY INFORMATION INDICATED ON
THIS DRAWING.

THE SITE IS LOCATED IN FLOOD ZONE 1
WITH NO EVIDENCE OF HISTORIC
FLOODING

SITE TO ACCOMMODATE FLOWS UP TO
AND INCLUDING THE 100 YEAR +50%
CLIMATE CHANGE EVENT

THERE ARE NO RECORDS OF EXISTING
UU SURFACE WATER SEWERS WITHIN
THE SITE BOUNDARY

RECORDS SHOW EXISTING LAND
DRAINS AND WATER COURSES INSIDE
THE BOUNDARY OF THE SITE

SOAKAWAY TESTING TO BE
CONDUCTED THROUGHOUT THE SITE
TAKING INTO ACCOUNT THE
UNDERGROUND AQUIFERS

SURFACE WATER TO DRAIN TO EITHER
THE ROCHDALE CANAL OR WHITE
BROOK VIA THE EXISTING WATER
COURSE AT THE SOUTH WEST OF THE
SITE

THE FRA ADVISES A DISCHARGE RATE OF 117.4L/S BE USED TO DRAIN THE 89.825ha SITE

FOUL DRAINAGE SUMMARY

INFORMATION BELOW IS BASED ON UU
SEWER RECORDS AND SurveyENG Ltd
Topographical Land Survey RH.TS.21 Rev A

IT IS PROPOSED TO CREATE A NUMBER OF CONNECTIONS AROUND THE WESTERN BOUNDARY OF THE SITE INTO THE EXISTING UU COMBINED SEWERS

GROUND CONDITIONS SUMMARY

INFORMATION BELOW IS BASED ON
SurveyENG Ltd Topographical Land Survey
RH.TS.21 Rev A

TO DATE ONLY A DESK STUDY HAS BEEN CONDUCTED ON THE SITE

Surface water storage features indicated are based on the discharge rates indicated within the Waterloo FRA dated December 20. Pond sizes are based on 60% of catchment being impermeable. Pond sizes are subject to change following revised greenfield run-off figures.

Parcel	Flow l/s	Storage m³
A	15.73	7,200m³
B	15.40	7,050m³
C	11.32	5,150m³
D	13.98	8,250m³
E	5.86	2,500m³
F	22.23	9,950m³

The discharge rates given above are taken from the Waterco FRA and are subject to change following completion of the revised FRA. Storage volumes are based on 60% of the parcel area being impermeable. Storage volume is for the 1:100 year + 50% CC event.

P2	11.08.22	Remainder of the site included	MAR		
P1	05.08.22	First issue	AP	MAR	
Rev	Date	Amendment	Drawn	Chkd	App



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Client

Redrow Homes

Project

Stakehill

Status

information

Dreaming

Whole Site Drainage Strategy

Drawn	Date	Checked	Date	Approved	Date
AP	Aug 22	MAR	Aug 22		

Scale 1:1000	Orig Size A0	Dimensions m
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Project No. 882558	File Name 10-02-01
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Drawing No.								Rev.
							B2	

Project No.	Orig.	Vol./Sys.	Lev./Loc.	Type	Role	Draw. No.	
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