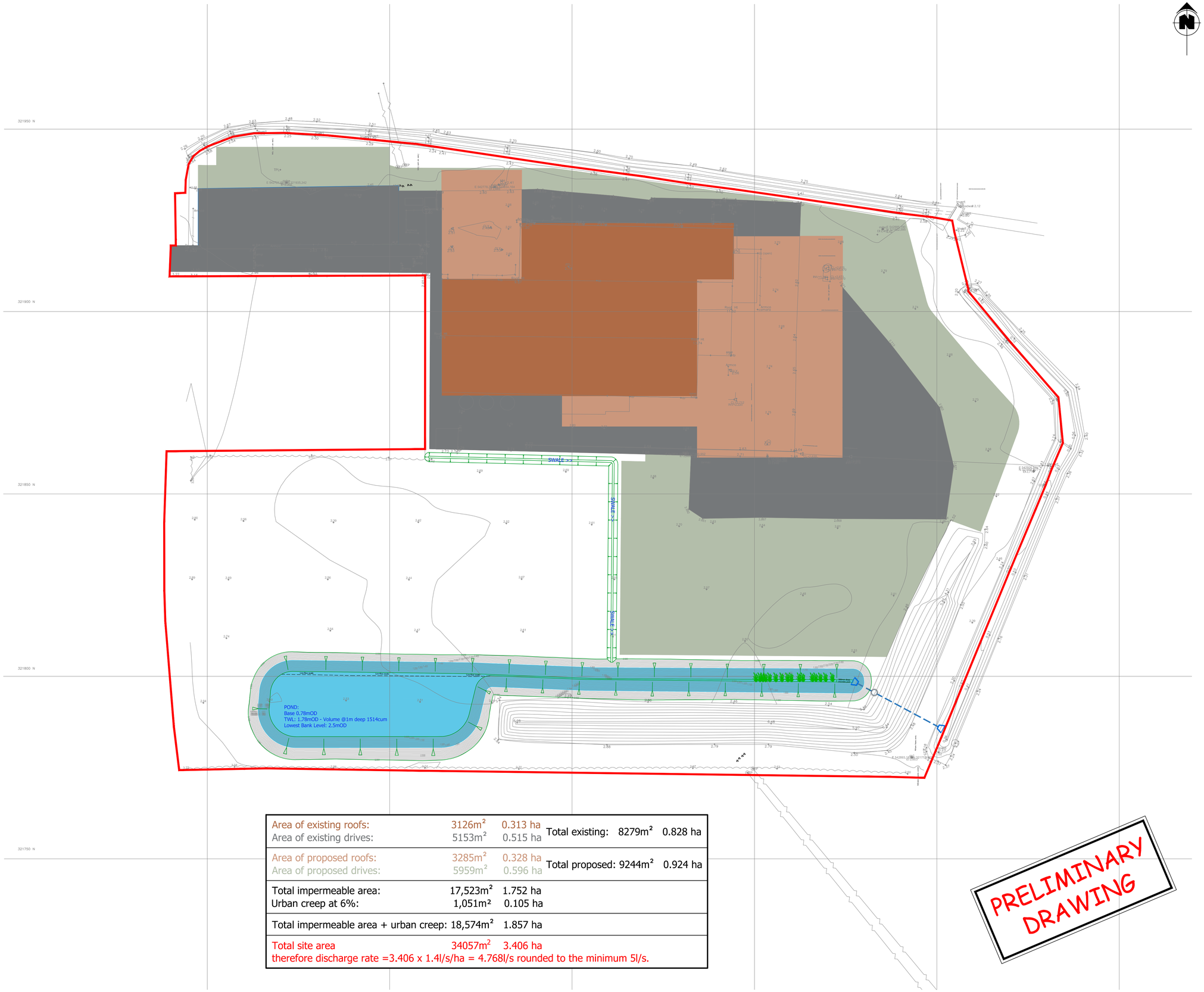
FEEDBACK: This drawing is one of a series that have been prepared to define the civil element of the development. If this, or any, drawing in the series could be improved to better communicate the proposed design please do not hesitate to contact Stafford IE.



Area of existing roofs:	3126m²	0.313 ha	Total existing:	8279m²	0.828 ha
Area of existing drives:	5153m²	0.515 ha			
Area of proposed roofs:	3285m²	0.328 ha	Total proposed:	9244m²	0.924 ha
Area of proposed drives:	5959m²	0.596 ha			
Total impermeable area:	17,523m²	1.752 ha			
Urban creep at 6%:	1,051m²	0.105 ha			
Total impermeable area + urban creep:	18,574m²	1.857 ha			
Total site area	34057m²	3.406 ha			

therefore discharge rate =3.406 x 1.4l/s/ha = 4.768l/s rounded to the minimum 5l/s.

PRELIMINARY DRAWING

NOTES:
All dimensions must be checked on site and not scaled from this drawing.

(c) Crown Copyright. All rights reserved. Licence Number AL100037075
The material contained in this drawing has been based upon the Ordnance Survey Map by permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office.

Anglian Water Notes

All S.104 adoptable drainage shall conform to the Design and construction guidance for foul and surface sewers offered for adoption under the Code for adoption agreements for water and sewerage companies operating wholly or mainly in England.

All covers and frames on adoptable AW sewers are to be D400, kitemarked and be badged 'FW' or 'SW' accordingly. Suppliers shall be Stanton, Paul Savage, Norinco or Wrekin.

Adoptable pipework shall be to the following specification:

Clayware: BS EN 295-1 and BS65
150 dia. Crushing Strength 34kN/m
225 dia. Class 160

Concrete: BS EN 1916 and BS 5911-1
≥300 dia. Class 120

0 10 20 30 40
METRES @ 1:500

	Date	Revisions

© copyright

Design Team Stafford IE
13 GOSTWICK
ORTON BRIMBLES
PETERBOROUGH
PE2 5XF
TEL: 01733 232388, MOBILE: 07710 832745, E-MAIL: terry@staffordie.co.uk

Client
NATIONWIDE PRODUCE PLC
NATIONWIDEPRODUCE.COM
Nationwide Produce - Spalding
Unit 7 & 8 Apex Court
Pinchbeck, Spalding
Lincolnshire, PE11 3UL
Tel: 01775 667100

Job Title
Cowper's Gate
Long Sutton
Spalding
Lincolnshire
PE12 9AY

Drawing Title
Drainage Areas

Date	Scale @ A1	Drawn
DEC 2023	1:500	TRS

Drg.No.	Rev.
9059 -109	-