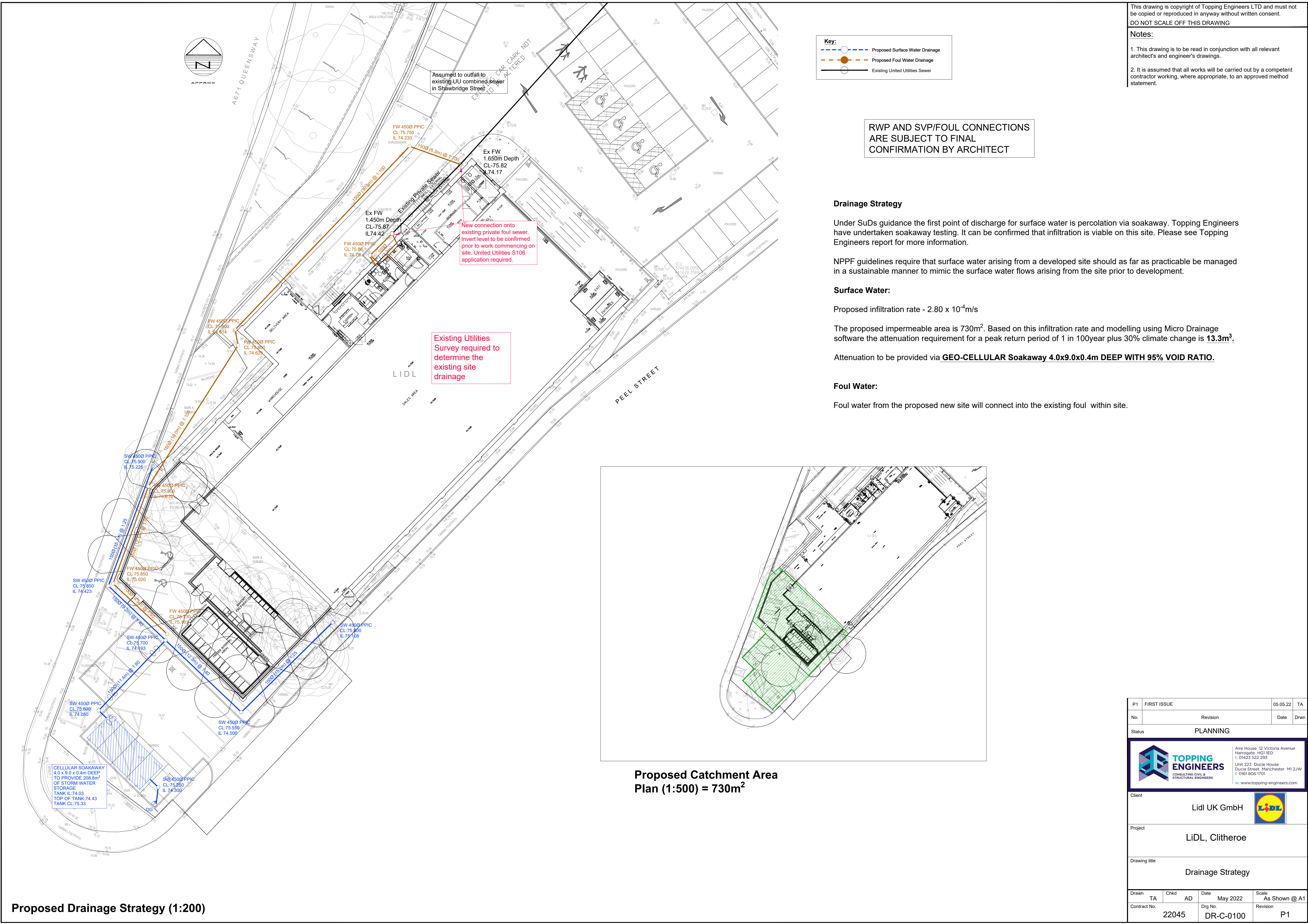




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Notes:

1. This drawing is to be read in conjunction with all relevant architect's and engineer's drawings.
2. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

RWP AND SVP/FOUL CONNECTIONS
ARE SUBJECT TO FINAL
CONFIRMATION BY ARCHITECT

Drainage Strategy

Under SuDs guidance the first point of discharge for surface water is percolation via soakaway. Topping Engineers have undertaken soakaway testing. It can be confirmed that infiltration is viable on this site. Please see Topping Engineers report for more information.

NPPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

Surface Water:

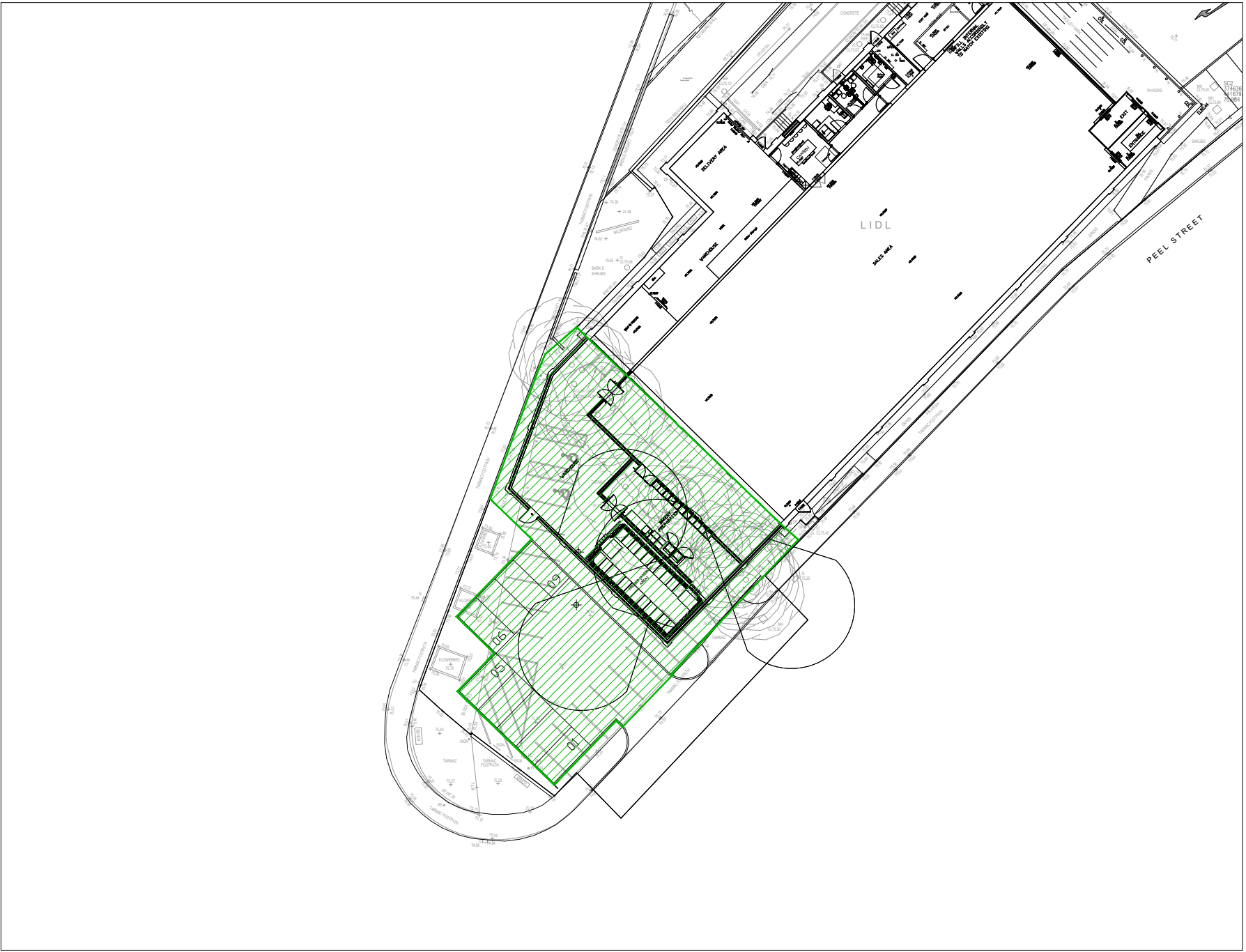
Proposed infiltration rate - 2.80×10^{-4} m/s

The proposed impermeable area is 730m². Based on this infiltration rate and modelling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100year plus 30% climate change is **13.3m³**.

Attenuation to be provided via **GEO-CELLULAR Soakaway 4.0x9.0x0.4m DEEP WITH 95% VOID RATIO.**

Foul Water:

Foul water from the proposed new site will connect into the existing foul within site.



**Proposed Catchment Area
Plan (1:500) = 730m²**

Proposed Drainage Strategy (1:200)

P1	FIRST ISSUE		05.05.22		TA
No.	Revision			Date	Drwn
Status					
PLANNING					
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Client					
Lidl UK GmbH 					
Project					
LiDL, Clitheroe					
Drawing title					
Drainage Strategy					
Drawn	TA	Chkd	AD	Date	May 2022
Contract No.	22045		Drg No.	DR-C-0100	
Scale	As Shown @ A1			Revision	P1