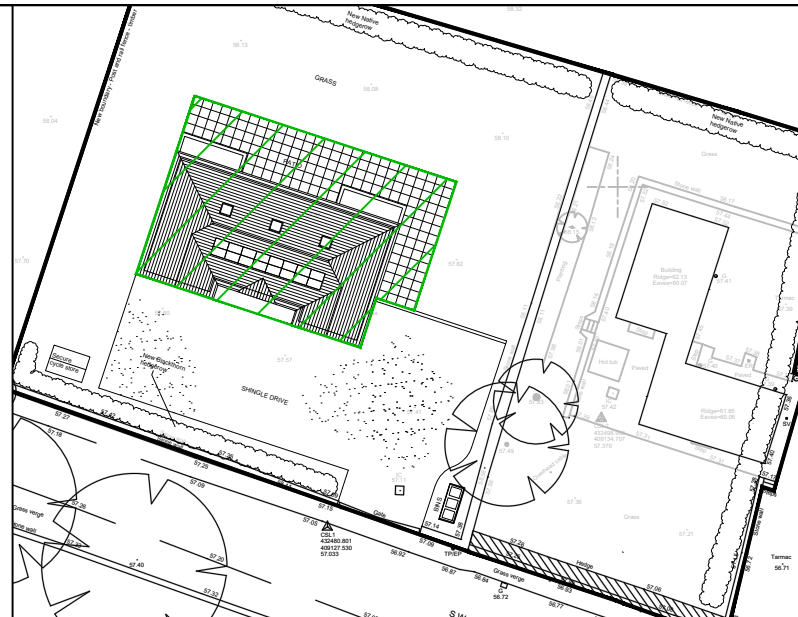


Key:

- Proposed Surface Water Drainage
---○--- Proposed Foul Water Drainage



Proposed Impermeable Area (1:500) = 220m²

Drainage Strategy

Surface Water

Flow restriction 3.0 l/s.

The proposed impermeable area is 0.022ha. Based on a flow restriction of 4.0 l/s and modeling using Causeway Flow software, the attenuation requirement for a 1in100year + 40% climate change + 10% urban creep storm event is **6.9m³**.

Attenuation will be provided via **ATTENUATION TANK 3.0 x 2.5 x 0.8m**. The flows will be restricted via a Hydrobrake Model No:- CTL-SHE-0085-3000-0800-3000.

Foul Water

Foul water from the proposed development will discharge into the existing Yorkshire Water sewer, subject to agreement with Yorkshire Water.

Notes

Pipe sizes are indicative only.
The exact level and location of outfall to be confirmed.

FOUL WATER WILL CONNECT INTO THE EXISTING DRAINAGE INFRASTRUCTURE. THE EXACT LEVEL AND LOCATION OF EXISTING INFRASTRUCTURE WILL BE CONFIRMED AT A LATER DATE.

ATTENUATION TANK 3.5 x 2.5 x 0.8m DEEP TO PROVIDE 6.9m³ FOR THE 1in100 YEAR + 40% CLIMATE CHANGE + 10% URBAN CREEP STORM EVENT. TANK IL TBC

HYDROBRAKE TO RESTRICT SURFACE WATER DISCHARGE RATE TO 3.0 l/s. MODEL NO:- CTL-SHE-0085-3000-0800-3000

SURFACE WATER WILL CONNECT INTO THE EXISTING DRAINAGE INFRASTRUCTURE. THE EXACT LEVEL AND LOCATION OF EXISTING INFRASTRUCTURE WILL BE CONFIRMED AT A LATER DATE.

P01	Preliminary Issue	27.09.24	CS
 ANDREW MOSELEY ASSOCIATES Project: 81 SWALLOW HILL ROAD, MAPPLEWELL Client: PRISM AGRICULTURE LTD Drawing: DRAINAGE LAYOUT DRAWING Drawn By: CS Date: 27.09.2024 Checked: JE Scale: 1:250 Paper: A3 Drawing No. AMA-22972-DS-001 Rev. P01			