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SCALE BAR & NORTH POINT:

SCALE 1:250

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- General notes:**
- Preliminary drainage strategy, not fit for construction.
 - Refer to supporting Flow drainage model report and Drainage Strategy TN.
 - S104 and S106 agreements needed for foul sewers.
 - Ordinary Watercourse Consent required for construction of proposed discharge swale.
 - Design based around worst-case scenario of elevated groundwater levels and/or low rates of infiltration. Groundwater level assessment and BRE Digest 365 testing required prior to detailed design.

- Residual Hazards:**
- Refer to utility service apparatus plans for the locations of services.
 - No allowance has been made in the design for managing site run-off during construction.
 - No surface water to discharge to foul water system and vice versa.
 - Site ground levels to be raised for groundwater flood risk mitigation purposes. Refer to FRA by Herrington.
 - Groundwater level assessment and BRE Digest 365 testing required to inform detailed design.
 - If groundwater levels are found to be high, SuDS components may need to be lined to prevent inflows of groundwater.
 - Weir wall to be incorporated into chambers SW1.6 to provide internal exceedance routing and to prevent flood risk.
 - Sumps required upstream of connections to carrier filter drain network to prevent silt and debris from entering system.
 - Flow control chamber SW1.5 requires annual inspections.
 - Non-return flap valve to be provided on discharge from surface water system, to prevent back flows of flood water.

A	SuDS and flood drains updated to provide additional habitat.	27.01.26	RH	RH
REV	DESCRIPTION	DATE	BY	CHKD
	BEECH HOUSE SHREWSBURY BUSINESS PARK SHREWSBURY SHROPSHIRE SY2 5EG			
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BERRYS

STATUS: PLANNING

CLIENT: AY Developers Ltd

PROJECT: 74 Old Shoreham Road

DRAWING: Preliminary Drainage Strategy

SCALE @ A1: DRAWN BY: CHKD BY: DATE: 1:250 RH RH 9.5.25

DRAWING No: SA51464 -BRY-ST -PL - C - 0501_A

SuDS Notes:

- All properties to be provided with water butts to harvest rainwater for external uses.
- Drainage to ground water via permeable paving a soakaways preferred option. Groundwater level testing required prior to detailed design to assess if groundwater levels are at least 1m below infiltration structure. BRE Digest 365 tests are also required.
- Should infiltration not be possible, the private SuDS as shown can be implemented as a worst-case scenario. A controlled discharge will be made to the watercourse.