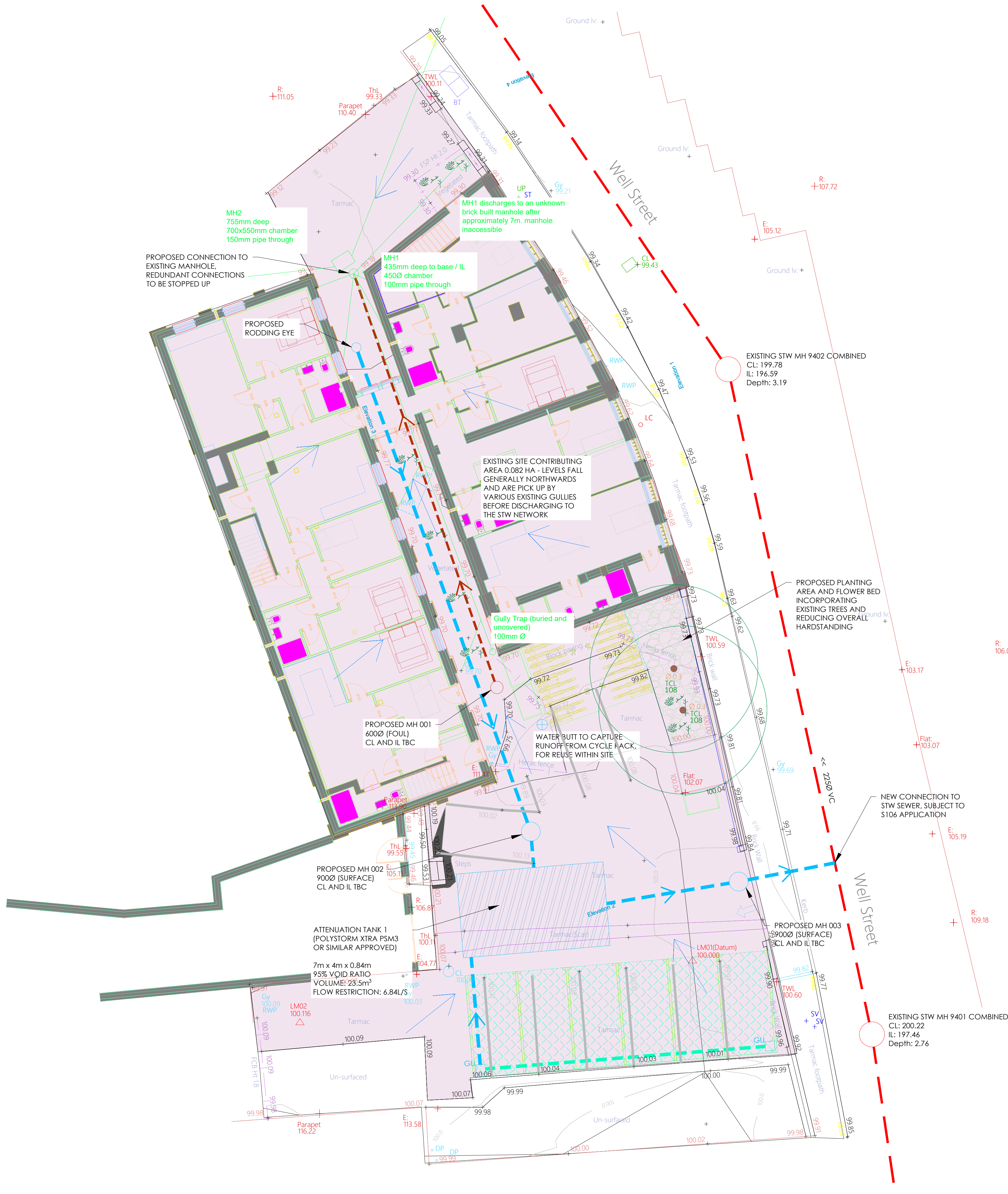




- Notes:
1. Do not scale from this drawing.
 2. All levels are indicative and to be confirmed at detailed design stage.
 3. All levels are in meters Above Ordnance Datum (AOD).
 4. As the existing site is entirely impermeable, the existing surface water discharge rate has been calculated using the Modified Rational Method ($Q=2.78 C i A$) to be 11.40 l/s based on a total site area of 0.082ha. To provide a betterment for the site and contribute to reducing flood risk in the local area a 40% reduction has been applied to this rate and therefore surface water leaving the site has been restricted to 6.84 l/s. Rate agreed with STW via email correspondence.
 5. Attenuation within the site boundary has been provided for all storms up to and including the 1 in 100-year +40% climate change event.
 6. Areas of soft landscaping, a water butt and permeable block paving have been introduced to act as SuDS features and reuse where possible and improve the quality of any water leaving the site.
 7. Surface water runoff will pass through the attenuation tank and then discharge at the restricted rate to the existing combined sewer in Well Street, subject to a S106 application.
 8. Foul water will leave towards the north of the site via an existing connection to the STW system.
 9. All RWP and SVPs are to be confirmed at the detailed design stage.
 10. All levels are to be confirmed at the detailed design stage.

Key:

- EXISTING STW COMBINED PIPE AND MANHOLE
- PROPOSED FOUL WATER SEWER AND MANHOLE
- PROPOSED SURFACE WATER PIPE AND MANHOLE
- RWP RAIN WATER PIPE
- SVP SOIL VENT PIPE
- Gu PROPOSED GULLY
- PERMEABLE BLOCK PAVING
- PERFORATED PIPE
- ATTENUATION TANK

P01	FOR INFORMATION	YL				16.03.26
REV	DESCRIPTION	DRN	DES	CHK	APP	DATE

Architect/Client/Contractor

Project
**Well Street Mill
Leek, Staffordshire
ST13 6BL**

Drawing Title
**Proposed Drainage
Strategy Sketch
Sheet 1**

FOR INFORMATION			
Drawn	Name	Date	Status Code
Designed	Y. LAWSON	16.03.26	S2
Eng Chk			Scale
Approved			1:100
			Revision
			P01

Drawing No.
100008-LAN-ZZ-XX-SK-DR-0502

