PERCOLATION REPORT

LOCATION:
4A, Bridge Street, Batley

CLIENT:
Stoddart Architecture

DOCUMENT REF:
25636-PR-001

DATE:
24.11.25

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CIVIL AND STRUCTURAL ENGINEERING

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Revision	Description	Date	Author	Checked
A	First Issue	November 2025	H Dyson	R Thacker

1.0 TESTING REPORT

The Percolation Testing was carried out on site on 24th November 2025 to establish if infiltration methods were going to be a suitable solution for draining the site.

1 Trial hole was formed with the following dimensions;

Test Pit 1 1800mm x 600mm x 2300mm deep

The water level drop was monitored and recorded (see test sheets attached).

Upon excavation of the trial pit, there was stiff clay to a maximum depth of 1.6m and there was groundwater present at 2.3m depth. Therefore, infiltration methods od drainage for this site will not be viable.

APPENDICES

Appendix A – Percolation Test Sheet

METHOD (from BRE Digest 365)

- Excavate a soakage trail pit to the required depth (typically 1.0m - 2.0m deep) using minimum width (0.3m) and length (1.0m). Carefully trim sides and bottom.
- Carefully measure size of pit and note sizes below.
- Fill soakage hole briskly with water (from bowser) to at least three quarters full. Being careful not to wash away the sides. (Note: a 0.3m wide, 1m long, 1.5m deep trench needs at least 350 litres (80 gallons) of water)
- Place straight edge over top of soakage pit and measure (dip) to the top of the water.
- Record time versus dips in table below. Dip every 5 minutes for the first hour and every hour until pit is one quarter full. Repeat test 3 times in total on the same or consecutive days.

DETAILS

Site Location	**4A, Bridge Street, Batley**
Date of Test	**24.11.25**
Weather Conditions	**wet – Autumn**
Engineer Name	**Harry Dyson**

SIZE OF PIT 1

Length	Width	Depth
1.80m	0.60m	2.30m

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