

KEY

S.W.

Foul

Proposed Sewer

Proposed Disconnection Manhole

30.00

Proposed Finished Floor Level

Proposed Level

Existing Level

Existing Combined Sewer

Existing Surface Water Sewer

Permeable private driveway construction

RET

Denotes possible retaining wall locations (above 600mm).

All individual private drives to have permeable construction. Drive areas have been included in impermeable areas/ hydraulic calculations

Ground conditions to be investigated for infiltration potential with testing in accordance with BRE 365

Private offline Cellular storage tank with high level overflow above 30 year water level and non-return valve on drain down pipe.
Dimensions 4.5 x 19 x 0.4m.
I.L = 32.380m

Proposed Foul Sewer connection to Existing 225mmØ Combined Sewer at Ex MH 8201. Ex MH arrangement to be investigated and replaced with new manhole if required.

Control Manhole with vortex flow control unit to limit flows 5.4 l/s @ 1.5m head (102mmØ Orifice) - QBar Greenfield Runoff Rate for the development.

Existing Sewer depths to be confirmed on site to ensure proposed sewer crossings have sufficient clearance.

Proposed Surface Water Sewer connection to Ex MH 9106. Ex MH arrangement to be investigated and replaced with new manhole if required.

Private offline Cellular storage tank with high level overflow above 30 year water level and non-return valve on drain down pipe.
Dimensions 4 x 11 x 0.4m.
I.L = 32.520m

North Arrow

Project: Pilch Lane Liverpool

Client: Breck Homes

Title: Preliminary Drainage Layout

Original Scale: A1

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Ironsides Farrar

Environmental Planners
Civil Engineers
Landscape Architects
Graphic Design

3 Watkley Court MANCHESTER M28 3NU
Tel: 0161 703 8801 Fax: 0161 703 8279
manchester@ironsidesfarrar.com

EDINBURGH GLASGOW