

KEY

S.W.

Foul

30.00

31.25

29.35

MH

MH

RET

RET

RET

Proposed Sewer

Proposed Disconnection Manhole

Proposed Finished Floor Level

Proposed Level

Existing Level

Existing Combined Sewer

Existing Surface Water Sewer

Permeable private driveway construction

Denotes possible retaining wall locations (above 600mm).

Denotes possible SUDs feature location (Filter Drain)

Denotes possible SUDs feature location (Grass filter strip)

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

- Current Drainage Drainage Hierarchy Considerations:
1. Site investigation confirms infiltration will not be suitable.
 2. No known watercourses, ditches or waterbodies within vicinity of site. Nearest Main River is 770m to the South of the site.
 3. SW Sewer in Pilch Lane is the most suitable discharge location for SW.

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

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

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 5.0 l/s @ 1.5m head (98mmØ Orifice) - QBar Greenfield Runoff Rate for the development is 5.4 l/s.

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 17 x 0.4m. I.L = 32.380m

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 11 x 0.4m. I.L = 32.520m

B

16/09/25

BK

Drainage revised to suit UU discharge rate.

A

05/06/25

RDE

Drainage hierarchy note added

Rev

Date

Initials

Details

Drawing Revisions

North Arrow

Pilch Lane
Liverpool

Client

Breck Homes

Quality Assurance

UKAS 005
Quality Assurance
ISO 9001:2015
SGS Certificate
GB02/54539

Title

Preliminary Drainage Layout

Original Site

Copyright, Acknowledgment
©Crown Copyright.
All rights reserved.
Licence No. AL100017966.

Drawn

NE

Checked By

RDE

Date

April 25

Scale

1:250

Drawing No.

30686/100

Revision

B

IronsidesFarrar

Environmental Planners
Civil Engineers
Landscape Architects
Graphic Design

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

EDINBURGH

GLASGOW