

KEY

- S.W. Foul
- Proposed Sewer
- Proposed Disconnection Manhole
- 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).
- 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 15 x 0.4m. I.L = 32.520m

C	16/12/25	BK	Updated to latest Architects Layout.
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 Point	Pilch Lane Liverpool	IronsidesFarrar
Quality Ass.	Client	EnvironmentalPlanners
UKAS 005	Breck Homes	CivilEngineers
Quality Assurance		LandscapeArchitects
ISO 9001:2015		GraphicDesign
SCS Certificate GB02/54539		
Title		MANCHESTER M28 3NU
Preliminary Drainage Layout		Tel. 0161 703 8801 Fax. 0161 703 8279
		manchester@ironsidesfarrar.com
		EDINBURGH GLASGOW
Original Size	Copyright, Acknowledgment	Drawn
A1	Ordnance Survey©	NE
	©Crown Copyright.	RDE
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	Licence No. AL100017966.	Date
		Scale
		April 25
		1:250
Drawing No.	Revision	
30686/100	C	