

NOTES

- Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
- All sewers shall be constructed in accordance with Sewerage Sector Guidance and the Design & Construction Guidance.
- The minimum gravity pipe diameter under adoptable highways shall be 150mm
- It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times.
- The outsides of all sewers shall be a minimum of 1.0m from kerb lines and the outside of manholes shall be a minimum of 0.5m from kerb lines
- Existing flows in watercourses, sewers and land drains shall be maintained at all times
- Only trained personnel shall be permitted to enter confined spaces
- All materials to bear the relevant B.S. Kitemark and comply fully with the specifications. All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur to withstand a class 3 condition).
- All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
- Where "Ultra Rib" UPVC pipes (or similar approved) are used in adoptable drainage they shall still be handled and laid in accordance with the specification and guidance issued by the High Performance Pipe Association.
- A Class S Bed and surround must be used for such pipes. Trench backfill in highways to within 1m of highway shall, as directed by the Highway Authority be a suitable granular material all in accordance with Sewers for Adoption cl. 4.3.4.
- Slab levels shall not be varied without reference to the Engineer for guidance

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.

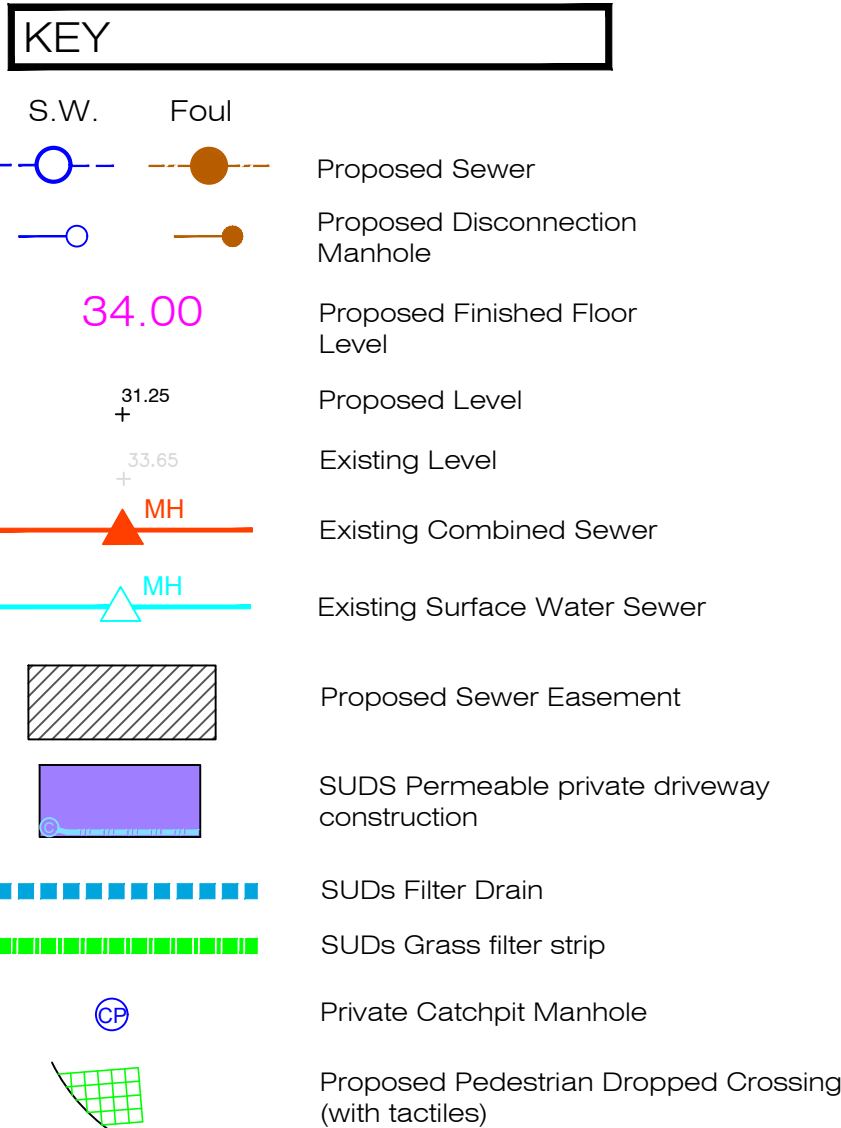
Control Manhole with vortex flow control unit to limit flows 5.0 l/s @ 1.5m head (98mmØ Orifice) - QBar Greenfield Runoff Rate for the development is 5.4 l/s.

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

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 4.5 x 15 x 0.4m.
I.L. = 32.520m



A	22/12/25	BK	Updated to latest Layout.
Rev	Date	Initials	Details
Drawing Revisions			
North Arrow	Project	Client	
Quality Ass.	Pilch Lane Liverpool	Breck Homes	
UKAS 005 Quality Assurance			
ISO 9001:2015 SCS Certificate GB02/54539			
Original Site	Copyright Acknowledgment	Drawn	Checked By
A1	Ordnance Survey © Crown Copyright. All rights reserved. Licence No. AL100017966.	NE	RDE
	Date	Scale	
	21/11/25	1:250	
Drawing No.	Revision		
30686/1	A		

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