

DRAINAGE:

Where drainage/service trenches are in close proximity to existing foundations, expose foundations for inspection and approval by Building Inspector before digging said trenches.

Existing drains to be exposed and assessed before agreeing exact layout of new drainage works, all subject to building control approval.
Include for excavating trenches for all drainage work and remove excess spoil from site.

Construct manholes as follows. 600 x 450mm Class A /B cover and frame set in mortar on 215mm class B engineering brick walls on 150mm concrete slab.
Raise walls of manhole to suit new level of platform and supply and fix MH cover and frame.

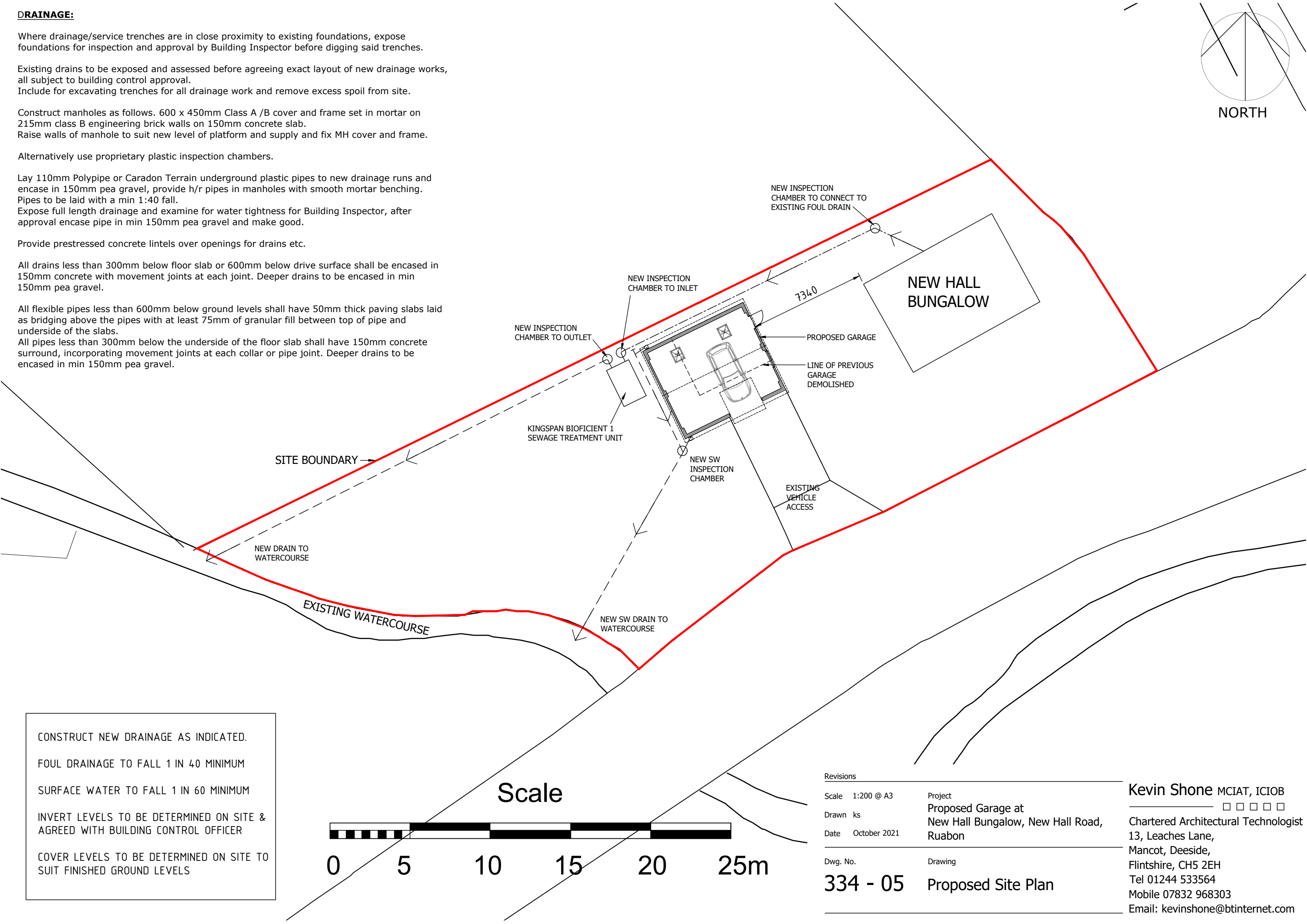
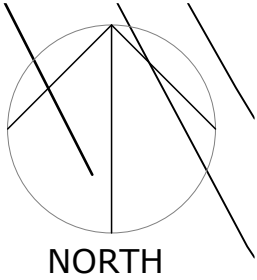
Alternatively use proprietary plastic inspection chambers.

Lay 110mm Polypipe or Caradon Terrain underground plastic pipes to new drainage runs and encase in 150mm pea gravel, provide h/r pipes in manholes with smooth mortar benching. Pipes to be laid with a min 1:40 fall.
Expose full length drainage and examine for water tightness for Building Inspector, after approval encase pipe in min 150mm pea gravel and make good.

Provide prestressed concrete lintels over openings for drains etc.

All drains less than 300mm below floor slab or 600mm below drive surface shall be encased in 150mm concrete with movement joints at each joint. Deeper drains to be encased in min 150mm pea gravel.

All flexible pipes less than 600mm below ground levels shall have 50mm thick paving slabs laid as bridging above the pipes with at least 75mm of granular fill between top of pipe and underside of the slabs.
All pipes less than 300mm below the underside of the floor slab shall have 150mm concrete surround, incorporating movement joints at each collar or pipe joint. Deeper drains to be encased in min 150mm pea gravel.



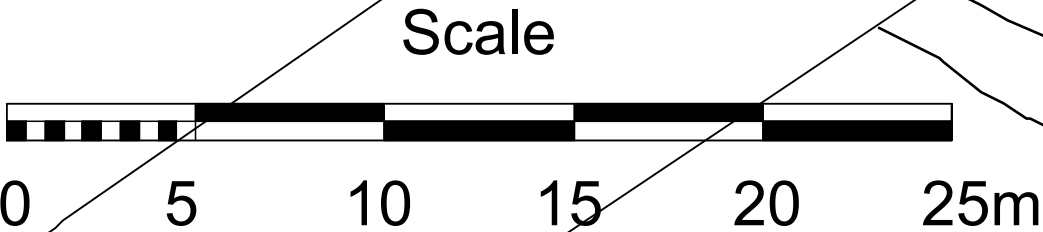
CONSTRUCT NEW DRAINAGE AS INDICATED.

FOUL DRAINAGE TO FALL 1 IN 40 MINIMUM

SURFACE WATER TO FALL 1 IN 60 MINIMUM

INVERT LEVELS TO BE DETERMINED ON SITE & AGREED WITH BUILDING CONTROL OFFICER

COVER LEVELS TO BE DETERMINED ON SITE TO SUIT FINISHED GROUND LEVELS



Revisions		
Scale	1:200 @ A3	Project
Drawn	ks	Proposed Garage at
Date	October 2021	New Hall Bungalow, New Hall Road, Ruabon
Dwg. No.	334 - 05	Drawing
	Proposed Site Plan	

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