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Civil Engineering and Infrastructure Services

We work closely with our clients from the start of the project to the end to deliver a scheme which is cost effective, easy to maintain and straight forward to build, whilst still complying with all the relevant stator requirements.

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Drainage Design

All surface water disposal systems should now be designed on a sustainable basis, minimising the impact on the environment by utilising appropriate SuDS techniques prior to discharge. To achieve this, we use the leading industry standard drainage modelling system – MicroDrainage - for all of our drainage design, providing clients with a full range of foul and surface water network design services.

Highway and External Works Design

We can design highway schemes from inception through to construction, including adoptable schemes:

Section 38 – New adopted highway in private land

Section 278 – Works to existing highway

We will prepare technical drawings for submission to the County Council highways department and see through the project to technical approval. We

Our Services

- Foul and surface water drainage design
- Section 104/116/185 sewer adoptions / diversions
- Site level design
- Digital ground modelling including cut and fill
- Sustainable Drainage Systems (SuDS)
- Sewer / watercourse diversions
- Estate road design for Section 38 adoption.
- Section 278 works including Junctions, crossings etc.
- Estate drainage design for Section 104 adoption
- Design of car parking and hard landscaping
- Preparation of combined utility services layouts.
- Section 38 proposed road adoptions.
- Highway design from small private roads to large

have designed new roundabout schemes, signalised junctions and priority junctions.

We design proposed site levels with a view to minimising volume of cart-away as much as possible within the site's constraints.

We also use the latest AutoCAD software and 3D road design packages.

GTA Civils & Transport is a firm believer in high-quality presentation and works closely with architects, structural engineers, M&E engineers, design and build contractors and developers to achieve this.

infrastructure projects.

- Road maintenance recommendations

Civil Engineering - Transport Planning - Flood Risk

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